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PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M
BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QEB445

A P I COMM ON PUBLIC AFFAIRS

OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRIES CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550

A P O A

ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY
OCT 26-27, 1970, APDA-70-1ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR
ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APDA PROJECT NO 39 FEB 1973 APDA-73-1OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM
OPERATORS ASSOC, FEB 1972, APDA-72-1PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET
AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APDA PROJECT 37, E3022, B5P-22

A S C E SYMP COLD REGIONS ENG

COMMENTS ON THE SOVIET PERMAFROST BUILDING CODE, BY W H BUTLER, A S C E SYMPOSIUM COLD REGION
ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 474-482, TA2445A6DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATION
FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757HIGHWAY SUBSIDENCE FROM PERMAFROST, BY G E JOHNS, A S C E SYMPOSIUM COLD REGIONS ENGINEERING,
UNIVERSITY OF ALASKA, AUG 17-19, 1970, P170-193, TA2445A6ICE WEDGE CRACKING AND RESULTING EFFECTS IN PIPELINES BURIED IN PERMAFROST, BY G R KNIGHT,
A S C E SYMPOSIUM COLD REGIONS ENG, UNIV ALASKA, AUG 17-19, 1970, P 383-395, TA2445A6LABORATORY TESTING AND CHARACTERIZATION OF PERMAFROST FOR FOUNDATION USES, J A SCHUSTER, ASCE
SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 73-118, TA2445A6PERMAFROST WHY THE MYSTERY, BY H P LEE ET AL, A S C E SYMPOSIUM COLD REGIONS ENGINEERING,
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REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 33, TA2445A6

A S M E

PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, BY W H PEARN, PAPER PREPARED FOR THE AMER
SOC OF MECH ENGRS 25TH PETROLEUM MECH ENGRS CONF, DENVER, COLO, SEPT 14, 1970, PRINT NO 751

ABNORMAL PRESSURE

CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND
EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73

ABRAHAMSSON, K V

ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA,
RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE A0644631

ACAD SCI USSR INST PERMAFROST

FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV,
N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257ROLE OF CENOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI
USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255

ACOUSTIC LOGS

TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

ACRES CONSULTING SERVICES LTD

REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD,
FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305

ADKISON, W L

PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M
BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QEB445

AERONOMY

ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8

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- AGER, B H
SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 127, AJG 1961
- AGRICULTURE
PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF TORONTO PRESS, 1970, 234P, HC117N5B7
- AIR CUSHION VEHICLES
ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER 1974, P BOX 2698
- AIR DRILLING
EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV, ET AL, RAZVEDKA I OKHRANA NEOR 24, NO 10, P 45-48, 1958, TRANSL A T S RJ-1770
- AIR PHOTOGRAPHS
AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREOSCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED J D MOLLARD, REGINA, 1974, TA593M7
LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRJ DHOENBAY TO (ORTH ALTA, J MOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
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SOME ASPECTS OF AIRPHOTO INTERPRETATION OF PERMAFROST IN CANADA, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, 1974, NRC TECHNICAL PAPER NO 409
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND W W PETTAPECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE215S5
- AIR POLLUTION
ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
- AIR TRANSPORTATION
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE215S5
- AIRBORNE RESISTIVITY SURVEYING
AIRBORNE RESISTIVITY MAPPING OF PERMAFROST NEAR FAIRBANKS, ALASKA, P HOEKSTRA, ET AL, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, SEPT 1974, RESEARCH REPORT 324
- AIRPORT CONSTRUCTION
ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349
- AITKEN, J D
GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- AKLAVIK, N W T
ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957
OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957

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PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958

ALASKA

CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 305-L, 1964
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, JMIAI FIELD, ALASKA, BY D C BAPTIST, U S BUREAU OF MINES R I 5642, 1960
PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY D J FERRIANS ET AL, 1969 U S GEOL SURVEY PROFESSIONAL PAPER 678
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965
PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4, GEOPHYSICS, U S G S PROFESSIONAL PAPER 304-A, WASHINGTON, 1962.
SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75

ALASKA SCIENCE CONFERENCE 1969

ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969

ALASKA WATER LABORATORY

ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805

ALBERTA

PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175

ALLAN, R J

GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36

ALLEN BAY FM

GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1

ALLUVIUM

FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV, N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257

ALPS

TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657

ALUMINUM

PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV 1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791

ALUMINUM CONSTRUCTION

PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV 1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791

ALYESKA PIPE LINE SERVICE CO

ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT
ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
AUGER DRILLING FIELD TESTS, ALYESKA PIPELINE SERVICE COMPANY, OCTOBER 30, 1972, PLR 142-023

COLD STORAGE SYSTEMS FOR APPLICATIONS TO OIL PIPELINES IN PERMAFROST REGIONS - A SUMMARY RPT
THERMO-DYNAMICS INC, ALYESKA PIPELINE SERVICE COMPANY, MAY 1971, PLR 142-128

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WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157

INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP
FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057

PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION
RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-096

PERMA FROST DITCHING TEST FOR TRANS-ALASKA PIPELINE SYSTEM, D J MOORE, PIPELINE TECHNOLOGISTS
INC, ALYESKA PIPELINE SERVICE COMPANY, APRIL 7, 1969, PLR 142-001

PERMAFROST DESIGN CRITERIA, H R PEYTON, FOR ALYESKA PIPELINE SERVICE CO, 1969, PLR 142-006

PILE FOUNDATIONS IN PERMAFROST - A COMPILATION OF RECENT LITERATURE, BY J S TRUSWELL, I O L
SYSTEMS + INFORMATION SERVICES, APRIL 1973, IPRC-7MIR-73

PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARN, WILLIAMS BROTHERS ENGINEERING CO
PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174

PRETHAWING FOR FOUNDATIONS IN PERMAFROST, R F REUSS, PAPER PREPARED FOR ASCE JOURNAL OF SOIL
MECHANICS + FOUND DIV, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-115

PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS
ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666

RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154

SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8
1971, PLR 142-016

STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION
ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019

SYSTEM FOR PROTECTING PERMAFROST FROM THE THERMAL EFFECTS OF A HOT PIPELINE, DOW CHEMICAL CO
ALYESKA PIPELINE SERVICE COMPANY, UNDATED, PLR 142-090

THAW SETTLEMENT IN ELEVATED PIPELINE SECTIONS OF TRANS-ALASKA PIPELINE SYSTEM VALDEZ TO YUKON
RIVER, WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERV CO, JUNE 1972, PLR 142-158

THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS
ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005

TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT
GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104

WARM WATER TEST METHOD, ALYESKA PIPELINE SERVICE COMPANY, DECEMBER 9, 1971, PLR 142-017

AMERICAN GEOGRAPHICAL SOCIETY

SOVIET GEOGRAPHY, REVIEW AND TRANSLATION, JUNE 1970, AMERICAN GEOGRAPHICAL SOCIETY, TRANSL
R-233

AMERICAN INST OF CHEM ENG

DESIGN PROBLEMS OF FLOWING GAS PIPELINE TEMPERATURE IN PERMAFROST, G W WALKER + J M STUCHLY
PRESENTED AT 74TH ANNUAL MTG OF THE AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 1973, PRINT 4977
PROBLEMS OF PIPELINE CONSTRUCTION UNDER ARCTIC CONDITIONS, A FEINGOLD, PAPER PRESENTED 74TH
NATIONAL MTG OF AMER INST OF CHEM ENG, NEW ORLEANS, MAR 11-15, 1973, AICHE PRINT 4978, E02462

AMERICAN INST OF CHEM ENG

STABILIZATION OF SOILS + STRUCTURES BY PASSIVE HEAT TRANSFER DEVICES, E D WATERS, PRESENTED AT AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 11-15, 1973, AICHE PRINT NO 4980

ANALYTICAL METHODS

FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QES15L39

ANCHORS

ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING COMMAND, JUNE 1974, AD 782 580
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154

ANDERSON RIVER AREA, N W T

GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83

ANDERSON, D M

ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241
PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS, A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CRREL REPORT 76-8

ANTARCTIC REGIONS

CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB, AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUE, E W MARSHALL, A GOW U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH RPT 60
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES,ENGINEERING COMMAND, WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
POLAR WORLD,BY P D BAIRD,WILEY,NEW YORK,1964,G587B163

PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016

ANTHROPOLOGY

ARCTIC RESEARCH,CURRENT STATUS OF RESEARCH&SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC AND SUBARCTIC,ED BY D ROWLEY,SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA,DEC 1955,G576A7

APPALACHIAN REGIONS

GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967

APTIKAEV, F F

TEMPERATURE FIELD EFFECT ON THE DISTRIBUTION OF SEISMIC VELOCITIES IN THE PERMAFROST ZONE, BY F F APTIKAEV, AKAD NAUK SSSR SIBIR OTD-IE INST MERZLOTOVEDENIIA, 1964, P190-99, TRANSL R-259

AQUIFERS

GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967

PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, IT-1138

ARCHAEOLOGY

ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308

ARCHER, J S

AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-84E-72
MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUK PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73

ARCO CHEMICAL CO

INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057

ARCTIC BASINS

ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILL, MD, 1963 ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.

ARCTIC BIODA

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, M/R-4

ARCTIC COASTAL PLAIN

CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344

ARCTIC CONST+ROST EFFECTS LAB

FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
INSTALLATION OF PILES IN PERMAFROST, F F KITZE, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECT LAB, BOSTON, SEPT 1957, AD712 650, MISC PAPER 18
INTERIM REPORT ON LOAD TESTS OF PILES IN PERMAFROST, K A LINELL, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECTS LAB, BOSTON, 1954, AD712 568, TECH REPT 58
INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC, SUBARCTIC REGIONS, TREES OF INTERIOR ALASKA THEIR SIGNICANCE AS PERMAFROST INDICATORS, E G STOECKELER, US ARMY ENG ACFEL, 1952, TR-39

ARCTIC DRILLING

APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO HUMBLE MISC REPORT MAY 6, 1971
ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER 1974, P BOX 2698
ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74

AUGER DRILLING FIELD TESTS, ALYESKA PIPELINE SERVICE COMPANY, OCTOBER 30, 1972, PLR 142-023

CONSERVATIVE DOWNDRAW ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, DECEMBER 1973, IPRT-28ME-73

DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUDE, E W MARSHALL, A GOW U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH RPT 60
DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C

DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5

DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2

FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16P

FIRST MEETING OF THE CANADA-USSR SUBGROUP EQUIPMENT AND TECHNOLOGY FOR DRILLING IN NORTHERN AND PERMAFROST AREAS, CALGARY, MARCH 16-28, 1973, AGENDA IN RUSSIAN AND ENGLISH, TN871.2C16P

INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245

LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUDEC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10

MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406

ARCTIC DRILLING

MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT
EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS
DIV, DECEMBER 1973, EPR.43PR.73
OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND
TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY
SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
PERMAFROST DRILLING WITH REFRIGERATED FLUIDS, BY N M KLJUDEC, L R LIPSETT JR, I O L PROD RES+
TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5, NO 1-2, JUNE, 1971 P 11-13
PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV
1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB
QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1
REFRIGERATED DRILLING FLUID TESTS, BY D E VESCARELLI, I O L CALGARY, ENGDEPT, 1970,
IPRC-10ME-70
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION
RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER
NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUDEC, L W WHITMER, I O L PROD RES
AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73

ARCTIC ENGINEERING

ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT
ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349
ARCTIC DEVELOPMENT AND PRODUCTION SYSTEMS, BY N KLJUDEC, A S TELFORD, L W WHITMER, I O L PROD
RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V4 NO 2 23P
ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN
STUDIES AND UNIVERSITY OF ALBERTA, E02666
ARCTIC TASK FORCE - PROGRESS REPORT NO 1, BY THE ARCTIC ENGINEERING GROUP, DEVELOPMENT DEPT
I O L PROD DEPT, EDMONTON, AUG 1969, IPRE-21ME-69
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR. FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR
FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION
SERVICE, FEB 1972, P BOX 2590
CONSTRUCTION OF A WATER STORAGE DAM ON PERMAFROST AND DISCHARGE AND BLOCKING UP THE RIVER
DURING CONSTRUCTION ..., BY G F BIYANOV, NAT RES COUNCIL OF CANADA, 1969, TECH TRANSL 1353
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH
ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
FOUNDATIONS AND BASES ON PERPETUALLY FROZEN GROUND, BY V VODKUCHAYEV, U S DEPT OF COMMERCE,
1963, AD 711909

ARCTIC ENGINEERING

OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRIES CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON
SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T, L. PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY
P BOX 1996
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IOL, CALGARY 1953,
HC117H3
PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E
BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, JCT 1963, DIV BUILDING RES TECH PAPER NO 158
PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J
E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175
PERMAFROST WHY THE MYSTERY, BY H R LEE ET AL, A S C E SYMPOSIUM COLD REGIONS ENGINEERING,
UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 1-11, TA24A5A6
POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM
REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516
PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV
1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER
NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970
WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS,
NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUČEC, L W WHITMER, I O L PROD RES
AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73

ARCTIC ENVIRONMENT INF CENTER

SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER
NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970

ARCTIC EQUIPMENT

FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F

ARCTIC EXPEDITIONS

AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MJLLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
POLAR WORLD, BY P D BAIRD, WILEY, NEW YORK, 1964, G587B163

ARCTIC EXPLORATION

HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

ARCTIC ICE

APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER
1974, P BOX 2698
ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

ARCTIC INST OF NORTH AMERICA

ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.
ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA,
RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631

ARCTIC INST OF NORTH AMERICA

ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH & SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576A7
COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

ARCTIC ISLANDS

CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUCEC, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-6ME-72
GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
REPORT ON CO-SPONSORED PERMAFROST TEST SURVEY IN ARCTIC ISL + MACKENZIE DELTA USING GEOPROBE EMR-14 EM SYSTEM, M K GHOSH, P G HALLOF, MCPHAR GEOPHYSICS COMPANY, JULY 1974, MCPHAR-74-1
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.

ARCTIC OCEAN BASIN

GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157

ARCTIC OPERATIONS

AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAW IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER 1974, P BOX 2698
ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY OCT 26-27, 1970, APOA-70-1
ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT CALGARY, FEBRUARY 1974, IPRC-4ME-74
ARCTIC TASK FORCE - PROGRESS REPORT NO 1, BY THE ARCTIC ENGINEERING GROUP, DEVELOPMENT DEPT I O L PROD DEPT, EDMONTON, AUG 1969, IPRE-21ME-69
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV 1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970

ARCTIC PIPELINES

ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, BY C DUNCAN, I O L PROD RESEARCH AND TECH SERVICES, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 4
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5

ARCTIC PIPELINES

- ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERV DEPT, QUARTERLY PROJECT RPTS, V 2, NO 2, FEB-APR 1969, PAPER NO 5
- ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5
- COLD STORAGE SYSTEMS FOR APPLICATIONS TO OIL PIPELINES IN PERMAFROST REGIONS - A SUMMARY RPT THERMO-DYNAMICS INC, ALYESKA PIPELINE SERVICE COMPANY, MAY 1971, PLR 142-128
- DEPTH OF OVERBURDEN COVER OVER PIPE + PILE ANCHORAGE TECHNICAL + COST CONSIDERATIONS, BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, AUG 1974, E2518
- DESIGN PROBLEMS OF FLOWING GAS PIPELINE TEMPERATURE IN PERMAFROST, G W WALKER + J M STUCHLY PRESENTED AT 74TH ANNUAL MTG OF THE AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 1973, PRINT 4977
- EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERVICE LAB, CALGARY, AUG-OCT 1969, QUARTERLY PROJECT REPORT, V 2, NO 4, PAPER 5
- GEOTECHNICAL ASPECTS OF SOIL PIPE INTERACTION AT SINGLE FIELD BENDS, BY NORTHERN ENGINEERING SERVICES FOR CANADIAN ARCTIC GAS STUDY LTD, JUNE 1974, E2520
- HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTH'S CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
- HYDROGEOLOGICAL CONSIDERATIONS IN NORTHERN PIPELINE DEVELOPMENT, R L HARLAN, TASK FORCE ON NORTHERN OIL DEVELOPMENT, OTTAWA, NOV 1974, E2680, RPT 74-26
- INUVIK TEST FACILITY, FINAL REPORT, VOL 1-EXECUTIVE SUMMARY, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 1
- INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
- INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
- OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRY'S CONCERN FOR THE ENVIRONMENT, AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
- PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
- PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, BY W H PEARN, PAPER PREPARED FOR THE AMER SOC OF MECH ENGRS 25TH PETROLEUM MECH ENGRS CONF, DENVER, COLO, SEPT 14, 1970, PRINT NO 751
- PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARN, WILLIAMS BROTHERS ENGINEERING CO PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174
- PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
- PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT CALGARY, JUNE 1966, REPORT NO IPRT-4M1-66
- PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL TECHNICAL CONFERENCE, 1970, P BOX 2551
- PROBLEMS OF PIPELINE CONSTRUCTION UNDER ARCTIC CONDITIONS, A FEINGOLD, PAPER PRESENTED 74TH NATIONAL MTG OF AMER INST OF CHEM ENG, NEW ORLEANS, MAR 11-15, 1973, AIChE PRINT 4978, E02462
- PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
- PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV 1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
- PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPELINE RESEARCH PROJECT 483, BY T G WATMORE, I O L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70
- PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69
- SOME ASPECTS OF NATURAL SLOPE STABILITY IN PERMAFROST IN RELATION TO APPLICANTS PROPOSED PIPE LINE, BY NORTHERN ENG SERVICES LTD FOR CANADIAN ARCTIC GAS LTD, OCT 1974, E2512
- SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8 1971, PLR 142-016
- STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14
- STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019

ARCTIC PIPELINES

SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TURBOPROVODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
SYSTEM FOR PROTECTING PERMAFROST FROM THE THERMAL EFFECTS OF A HOT PIPELINE, DOW CHEMICAL CO
ALYESKA PIPELINE SERVICE COMPANY, UNDATED, PLR 142-090
TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT
GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104
TRANSIENT FLOW STUDY - PREDICTION OF THERMAL RESPONSE DURING WARM WATER TESTING OF PIPELINES,
BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, MAY 1974, E2517
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE215S5

ARCTIC RED RIVER AREA

PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68

ARCTIC REGIONS

ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING
COMMAND, JUNE 1974, AD 782 580
ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILL, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.
ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA,
RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631
ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY
OCT 26-27, 1970, APOA-70-1
ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH & SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC
AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576A7
ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN
STUDIES AND UNIVERSITY OF ALBERTA, E02666
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR
FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB,
AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
COMPREHENSIVE REPORT INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC AND SUBARCTIC REGIONS,
1945-1948, U S ARMY CORPS OF ENGINEERS, ST PAUL, MINN, JJUNE 1950, MAIN REPORT
CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE II, BY USSR
ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZOUK, G H JOHNSTON, J J HAMILTON,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PPRINT 849, P BOX 2679
FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1

ARCTIC REGIONS

- GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, IOL ARCTIC COORDINATION, PARTS A AND B, IPRC-7ME-70
- GROUNDWATER IN PERMAFROST REGIONS - AN ANNOTATED BIBLIOGRAPHY, BY J R WILLIAMS, U S G S WATER-SUPPLY PAPER 1792, WASHINGTON, 1965
- GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
- INUUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYDC, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
- MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
- OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957
- OIL MIGRATION UNDER PERMAFROST CONDITIONS, BY A P RAKPTOV, TRANSLATED FROM RUSSIAN BY H GREULICH, 1965
- DILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
- PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
- PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T, L, PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY P BOX 1996
- PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
- PERMAFROST INVESTIGATIONS AT AKLAVIK 1953% DRILLING AND SAMPLING, BY J A PIHLAINEN, G H JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
- PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
- PERMAFROST RESEARCH, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 40, 1954
- PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
- POLAR WORLD, BY P D BAIRD, WILEY, NEW YORK, 1964, G587B163
- POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
- PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
- PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
- PRINCIPLES OF GEOCRYOLOGY... PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-LINE RESEARCH PROJECT 483, BY T G WATMORE, I O L PROD DEPT, EDMONTON, OCT 1969, IPR-25ME-70
- PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD, J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
- RECOGNITION OF NATURALLY OCCURRING GAS HYDRATES IN ARCTIC NORTH AMERICA, J W MULHOLLAND EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.31EX.75
- REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59

ARCTIC REGIONS

SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016
SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER
R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,725
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE
CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER
NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970
SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY
CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
TAZOVSKOE-NORILSK GAS LINE - THE WORLD'S NORTHERN MOST GAS TRUNK LINE, BADNOVSKI, A K
TRANSL FROM STROITELSTVO TRUBOPROVOZOV, NO 8, AUG 1964, 6-8 P, TRANSL R-101
TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113, DEC 1960
TRENCHING ON SHORE AND IN THE OCEAN IN ARCTIC REGIONS - STATE-OF-THE-ART SURVEY, U S NAVAL
CIVIL ENGINEERING LABORATORY, MARCH 1974, AD 777 046
WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS,
NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959
WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND
SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75

ARCTIC RESEARCH

CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION
RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
COMPREHENSIVE REPORT INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC AND SUBARCTIC REGIONS,
1945-1948, U S ARMY CORPS OF ENGINEERS, ST PAUL, MINN, JUNE 1950, MAIN REPORT
SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN
WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236

ARCTIC RUNWAYS

DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT
JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB
QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1

ARCTIC SEAS

FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV,
N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257
ROLE OF PERMAFROST FACTORS IN THE DYNAMICS OF BOTTOM TOPOGRAPHY IN POLAR SEAS, YE V KLYUYEV,
OCEANOLOGY, ACAD SCI, USSR, V 5, NO 5, 1965, P 78-83, RUSSIAN TRANSLATION R-256

ARCTIC SLOPE, ALASKA

OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRY'S CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL
TECHNICAL CONFERENCE, 1970, P BOX 2551
PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M
BROSIGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5
VELOCITY APPLICATION IN NORTH SLOPE ALASKA, D J NELPOVICH, IN EPRCO VELOCITY SYMPOSIUM
FEBRUARY 23-27, 1976, EPR.15EX.76

ARCTIC SUMMER SCHOOL

ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN
STUDIES AND UNIVERSITY OF ALBERTA, E02666

ARCTIC TRANSPORTATION

ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN
STUDIES AND UNIVERSITY OF ALBERTA, E02666

ARCTIC TRANSPORTATION

BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2
ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCITE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
OIL MIGRATION UNDER PERMAFROST CONDITIONS, BY A P RAKTOV, TRANSLATED FROM RUSSIAN BY H GREULICH, 1965
POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV 1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE AND W N MCKAY, I O L PROD RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V 4 NO 2 35P
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 127, AUG 1961
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970
TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113, DEC 1960
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555

ARTIFICIAL ISLANDS

ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER 1974, P BOX 2698

ASSOCIATION OF AMER GEOGRAPHER

WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL 62 NO 1, MARCH 1972, P 1-22, PRINT 815

ATERTAK E-41

MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUX PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73

ATKINSON POINT AREA, N W T

REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE AND W N MCKAY, I O L PROD RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V 4 NO 2 35P

ATLASES

ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308

- ATMOSPHERE HEAT EXCHANGE BETWEEN PERMAFROST+THE ATMOSPHERE IN THE PRESENCE OF A VEGETATION COVER, V BAL
OBAEV, NATL RES COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, 1973, N R C TECH TRANS 1670
- ATMOSPHERIC TEMPERATURES HEAT EXCHANGE BETWEEN PERMAFROST+THE ATMOSPHERE IN THE PRESENCE OF A VEGETATION COVER, V BAL
OBAEV, NATL RES COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, 1973, N R C TECH TRANS 1670
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES
OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
- AUGER DRILLING AUGER DRILLING FIELD TESTS, ALYESKA PIPELINE SERVICE COMPANY, OCTOBER 30, 1972, PLR 142-023
- AULD, R G FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL,
72, HVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEUTECH STUDIES, PL CONST, STATIONS, 18-14, E1576
- AVALANCHES BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR
FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
- AXEL HEIBERG ISLAND AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- AXIAL STRESS CONSERVATIVE DOWNDRAW ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH
SERV DEPT, DECEMBER 1973, IPRT-28ME-73
PRELIMINARY CASING DOWNDRAW ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973,
LAB REPORT NO L-42273
- BABBAGE BIGHT HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- BAFFIN ISLAND GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- BAIKAL REGION, U S S R STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM
DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474
- BAIRD, P D POLAR WORLD, BY P D BAIRD, WILEY, NEW YORK, 1964, G587B163
- BAKAKIN, V P PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF
MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF
MOISTURE-THERMAL AMELIORATION....BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- BALOBAEV, V T CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T
BALOBAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
HEAT EXCHANGE BETWEEN PERMAFROST+THE ATMOSPHERE IN THE PRESENCE OF A VEGETATION COVER, V BAL
OBAEV, NATL RES COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, 1973, N R C TECH TRANS 1670

- BALZER, J E PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO CORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
- BANIN, A PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS, A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CRREL REPORT 76-8
- BANKS FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV, N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257
- BANKS ISLAND GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- BAPTIST, D C OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, JMIAT FIELD, ALASKA, BY D C BAPTIST, U S BUREAU OF MINES R I 5642, 1960
- BAR C, N W T ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT CALGARY, FEBRUARY 1974, IPRC-4ME-74
- BARANOV, I Y PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
- BARANOVSKII, A K TAZOVSKOE-NORILSK GAS LINE - THE WORLD'S NORTHERN MOST GAS TRUNK LINE, BAONOVSKI, A K TRANSL FROM STROITELSTVO TRUBOPROVODOV, NO 8, AUG 1964, 6-8 P, TRANSL R-101
- BARGES TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE215S5
- BARROW AREA, ALASKA CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMAN, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81
- DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
- EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
- MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969
- BARSCHE, D TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657
- BASE MAPS AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
- BASEMENT CONFIGURATION PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- BASIN SHELVES COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PRJC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
- BATHYMETRY ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- BEAR ROCK FM GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- BEARING CAPACITY INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298

- BEARING CAPACITY PRINCIPLES OF GEOCRIOLOGY, PART 2-ENGINEERING GEOCRIOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTYKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963
- BEAUFORT SEA COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM OPERATORS ASSOC, FEB 1972, APOA-72-1
PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, BSP-22
PERMAFROST EROSION ALONG THE BEAUFORT SEA COAST, R J LEWELLEN, UNIVERSITY OF DENVER, MAR 1970 P BOX 2319, M/L-3, NO 711
SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
STUDY OF FROZEN SEABED MATERIALS IN SOUTHERN BEAUFORT SEA, J A HUNTER ET AL, G S C, BEAUFORT SEA PROJECT INTERIM REPORT F1, DEC 1974, E02494
1970 BOTTOM SAMPLING PROGRAM, SOUTH COAST OF BEAUFORT SEA, MACKENZIE BAY TO LIVERPOOL BAY NWT REPORT TO IOL BY GOLDER BRAUNER ASSOCIATES, JULY 1970, GOLD-BRAUN-70-1
- BEAUFORT SEA PROJECT PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, BSP-22
STUDY OF FROZEN SEABED MATERIALS IN SOUTHERN BEAUFORT SEA, J A HUNTER ET AL, G S C, BEAUFORT SEA PROJECT INTERIM REPORT F1, DEC 1974, E02494
- BEAUFORT SEDIMENTARY BASIN ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666
SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
- BEDROCK GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199
- BELOV, V I STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY V A SIDOROVSKII, D A MEZHLUMOV AND V I BELJOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
- BENCH MARKS BENCH MARKS IN PERMAFROST AREAS BY G H JOHNSTON, NATL RESEARCH COUNCIL, CAN, DIV OF BLDG RESEARCH, TECH PAPER 134, FEB 1962
DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZOZUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- BENERT, R EXCAVATIONS IN FROZEN GROUND - CRITICAL DEPTH SHOTS - 100 AND 50 LB - IN FORT CHURCHILL TILL R BENERT, U S ARMY COLD REGIONS RESEARCH LAB, JAN 1961, TECH REPT 79, AD652,715
- BEREZOVSKIY, B I STRENGTH INCREMENT OF CONCRETE POURED INTO HOLES DRILLED IN PERMAFROST, B I BEREZOVSKIY, O I PAVLENKO, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 317
- BERTRAM, C L CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FORU S OFFICE OF NAVAL RES, MAY 1972, AD772549
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902
- BIBLIOGRAPHIES ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.

BIBLIOGRAPHIES

- BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
- BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, VOL 28 PART 1, U S ARMY COLD REGIONS RES AND ENGINEERING LAB, JULY 1974, CRREL RPT 12
- CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION SERVICE, FEB 1972, P BOX 2590
- COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
- GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
- GROUNDWATER IN PERMAFROST REGIONS - AN ANNOTATED BIBLIOGRAPHY, BY J R WILLIAMS, U S G S WATER-SUPPLY PAPER 1792, WASHINGTON, 1965
- ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, TA710G3
- MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
- PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT CALGARY, JULY 1970, IPRC-11MIR-70
- PERMAFROST, PART 1, GENERAL STUDIES, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE, JAN 1975, PS-75/197
- PERMAFROST, PART 2, STRUCTURAL ENGINEERING, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE JAN 1975, PS-75/198
- PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOE BAY TO (ORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
- PILE FOUNDATIONS IN PERMAFROST - A COMPILATION OF RECENT LITERATURE, BY J S TRUSWELL, I O L SYSTEMS + INFORMATION SERVICES, APRIL 1973, IPRC-7MIR-73
- PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
- SELECTED REFERENCES ON PERMAFROST, AND RELATED ENGINEERING PROBLEMS IN ALASKA, O J FERRIANS, U S GEOLOGICAL SURVEY, SEPT 1969
- SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
- SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970
- THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESON, I O L SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPRC-94IR-74

- BIBLIOGRAPHIES
WASTE DISPOSAL AND TREATMENT IN PERMAFROST AREAS, A BIBLIOGRAPHY, BY M PSNODGRASS, DEPT OF INTERIOR, WASHINGTON, DC, MAR 1971, PB 198,988
- BIOGEOCHEMISTRY
INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QE515L39
- BIOLOGY
ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8
- BIOSTRATIGRAPHY
PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5
- BIOTA
ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
SOME ASPECTS OF THE INTERRELATIONSHIP OF PERMAFROST AND TUNDRA BIOTIC COMMUNITIES, BY W O PRUITT, CONF ON PRODUCTIVITY + CONSERV IN NORTH CIRCUMPOLAR LANDS, EDMONTON, OCT 15-17, 69
- BIRD, J B
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
- BIYANOV, G F
CONSTRUCTION OF A WATER STORAGE DAM ON PERMAFROST AND DISCHARGE AND BLOCKING UP THE RIVER DURING CONSTRUCTION ..., BY G F BIYANOV, NAT RES COUNCIL OF CANADA, 1969, TECH TRANSL 1353
- BLACK, R F
GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
- BLASTING
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
- BLASTING PROCEDURES
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN, NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404,516-18
- BLISS, L C
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, M/R-4
- BOGS
SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY D L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964
- BOMBARDIERI, C C
APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
DEEP PERMAFROST CORING, A PROJECT SUMMARY, VOL 1+2 (2 AT PR+TS ONLY) C C BOMBARDIERI, I O L PROD RES + TECH SERV DEPT, CALGARY, MARCH 1974, IPRT-1ME-74
- BORE HOLE GRAVIMETERS
EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-3S-72
- BORE HOLES
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694,120
ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
- BOREAL INSTITUTE
ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666
- BOTANY
AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962 PRELIM RPTS 1961-1962, BY F MJLLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9

- BOTANY SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T
H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
- BOTTOM HOLE CLEANING EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV,
ET AL, RAZVEDKA I OKHRANA NEOR 24, NO 10, P 45-48, 1958, TRANSL A T S RJ-1770
- BOTTOM SEDIMENT SAMPLES 1970 BOTTOM SAMPLING PROGRAM, SOUTH COAST OF BEAUFORT SEA, MACKENZIE BAY TO LIVERPOOL BAY NWT
REPORT TO IOL BY GOLDER BRAWNER ASSOCIATES, JULY 1970, GOLD-BRAWN-70-1
- BOUNDARY CONDITIONS SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION
RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR-1PR.74
- BOYD, D W INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN & SUPPL BY D W BOYD <, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
- BOYER, S A EXPERIMENTAL RESULTS OF THE ELECTROSEISMIC EFFECT AS A PERMAFROST-THICKNESS MEASUREMENT
TECHNIQUE, S A BOYER, GEOPHYSICS RESEARCH DIGEST, VOL 10, NO 1-2, JUNE 1971, P 38-45
- BOZOSUK, M DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZOSUK, G H JOHNSTON, J J HAMILTON,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- BRANDON, L V GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND
ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
- BREWER, M C CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-L, 1964
DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH
AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
- BRIDGES BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E
CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH REPT 266
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON
SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
- BRITISH COLUMBIA GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND
ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
- BROOKER, E W AND ASSOC EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG
CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
- BROOKS RANGE, ALASKA GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M
BROSCE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5
SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD
U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
- BROSCE, M M PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M
BROSCE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5

- BROWN, E S THERMAL CONTRACTION CRACKING IN ARCTIC SOILS - A MODEL STUDY FINAL REPORT, INSTITUTE OF ARCTIC ENVIRON ENG, UNIV OF ALASKA, JULY 1969, TRANS ALASKAN PIPELINE PROJECT, E 2139
- BROWN, I C GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
- BROWN, J CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA
P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
EFFECT OF DISTURBANCE ON PERMAFROST TERRAIN, BY J BROWN ET AL, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, NOV 1969, AD 699,327, CRREL SPECIAL REPORT 138
MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF
UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969
- BROWN, R J FREEZING OF PEATLAND, R J BROWN, G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, DECEMBER 1972, TECH PAPER 381
- BROWN, R J AND ASSOC LTD ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1
- BROWN, R J E DISTRIBUTION OF PERMAFROST AND ITS RELATION TO AIR TEMPERATURE IN CANADA AND IN THE U S S R
BY R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1960, DIV BUILDING RES, RESEARCH PAPER 112
GUIDE FOR DESIGN AND CONSTRUCTION OF PILE FOUNDATIONS IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA TECH TRANSL 1314, BY R J E BROWN, 1968
OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
PERMAFROST AS AN ECOLOGICAL FACTOR IN THE SUBARCTIC, BY R J E BROWN, NATIONAL RES COUNCIL OTTAWA, 1970, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 313
PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF TORONTO PRESS, 1970, 234P, HC117N587
PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
PERMAFROST INVESTIGATION IN CANADA, R F LEGGET, H B DICKENS, R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1961, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 122
PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158
PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
PERMAFROST INVESTIGATIONS IN NORTHERN ONTARIO AND NORTHEASTERN MANITOBA, BY R J E BROWN NATIONAL RES COUNCIL OF CANADA, DIV BUILDING RES, OTTAWA, 1968 TECHNICAL PAPER NO 291
PERMAFROST INVESTIGATIONS IN QUEBEC AND NEWFOUNDLAND-LABRADOR-, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RES, DEC 1975, TECHNICAL PAPER NO 449
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175
PERMAFROST MAP OF CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, OTTAWA, 1968, NRC 10326, DBR TECH PAPER 277
PERMAFROST TERMINOLOGY, R J E BROWN AND W O KUPSCH, NATIONAL RESEARCH COUNCIL OF CANADA, DEC 1974, TECHNICAL MEMORANDUM NO 111
PERMAFROST-DISTRIBUTION AND RELATION TO ENVIRONMENTAL FACTORS IN THE HUDSON BAY LOWLAND, R J E BROWN, NATIONAL RESEARCH COUNCIL, CANADA, 1973, NPC RES PAPER 576
PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103

BROWN, R J E

PROCEEDINGS OF A SEMINAR ON THERMAL REGIME AND MEASUREMENTS IN PERMAFROST 2 AND 3 MAY 1972
NATIONAL RESEARCH COUNCIL OF CANADA, OCTOBER 1973, TECHNICAL MEMORANDUM NO 108
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
RUSSIAN-ENGLISH GLOSSARY OF PERMAFROST TERMS, V POPPE + R J E BROWN, ASSOCIATE COMMITTEE ON
GEOTECHNICAL RESEARCH, OTTAWA, APRIL 1976, NATIONAL RESEARCH COUNCIL OF CANADA, TECH MEM 117
SOME ASPECTS OF AIRPHOTO INTERPRETATION OF PERMAFROST IN CANADA, R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, 1974, NRC TECHNICAL PAPER NO 409
SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA, N W T, CANADA, BY
G H JOHNSTON, R J E BROWN, NATIONAL RESEARCH COUNCIL CAN, DIV BUILDING RES, RES PAPER 233, NOV 1964
SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN
WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
STRATIGRAPHY OF THE MACKENZIE RIVER DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN,
NATIONAL RES COUNCIL, OTTAWA, 1965, DIV BUILDING RES, RES PAPER NO 235

BROWN, W G

COMPARISON OF OBSERVED AND CALCULATED GROUND TEMPERATURES WITH PERMAFROST DISTRIBUTION UNDER
A NORTHERN LAKE, BY BROWN, W G, ET AL, N R C OTTAWA, 1964, DIV BUILDING RES, TECH PAPER NO 185
DIKES ON PERMAFROST, PREDICTING THAW AND SETTLEMENT, BY W G BROWN, G H JOHNSTON, NAT RESEARCH
COUNCIL, OTTAWA, 1970, DIV OF BUILDING RESEARCH, RES PAPER NO 451
GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY
W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163

BUILDING CODES

COMMENTS ON THE SOVIET PERMAFROST BUILDING CODE, BY W H BUTLER, A S C E SYMPOSIUM COLD REGION
ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 474-482, TA24A5A6
INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963

BUILDING CONSTRUCTION

ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349
ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
DRILLING HOLES IN FAR NORTHERN CONDITIONS- IN PERMAFROST, BY A V MARAZIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL & FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE
(SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
INUUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN & SUPPL BY D W BOYD,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
METHODOLOGY OF COMPARING THE ECONOMICS OF DIFFERENT CONSTRUCTION PROJECTS, V F ZHUKOV, NATL
RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, 1963, TECH TRANS 1064
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON
SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA

BUILDING CONSTRUCTION

- PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IOL, CALGARY 1953, HC117H3
- PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF TORONTO PRESS, 1970, 234P, HC117N5B7
- POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
- PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
- PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD, J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
- REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- THERMAL EFFECTS IN PERMAFROST, L W GOLD ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376
- THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH, U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B

BUILDING COSTS

- PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960

BUILDING FOUNDATIONS

- BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
- BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
- DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2
- EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961
- GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
- INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
- INUVIK HANGAR INSTRUMENTATION OF A SUBFLOOR LAID OVER PERMAFROST, L W WHITMER, PROD RES+TECH SERV LAB, APRIL 1974, CALGARY, ALTA, IPRT-8ME-74
- PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
- PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTYSOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- PRINCIPLES OF GEOCRYOLOGY, PT 2, ENG GEOCRY, CHAPT XI, SPECIFIC FEATURES OF STRUCTURES IN PERMAFROST CONDITIONS, A I DEMENTEV, NAT RES COUNCIL, OTTAWA, DIV OF BLDG RES, 1966, TT-1232
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- REPORT ON GEOTECHNICAL RECOMMENDATIONS AND DESIGN CRITERIA, FOR BEAUFORT GAS PROJECT IMPERIAL OIL LIMITED TAGLU N W T, PREPARED FOR FLUOR CANADA LTD, R M HARDY + ASSOC LTD, HARDY-75-2
- REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- SOME PECULIARITIES OF FOUNDATIONS UNDER OCCUPIED BUILDINGS IN THE NORTHERN PORTIONS OF THE PERMAFROST ZONE, V F TUMMEL, U S ARMY CORPS OF ENGINEERS, 1946, AD 712,854 0
- TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963

BUILDING INSULATION

- DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2
- INUVIK HANGAR INSTRUMENTATION OF A SUBFLOOR LAID OVER PERMAFROST, L W WHITMER, PROD RES+TECH SERV LAB, APRIL 1974, CALGARY, ALTA, IPRT-8ME-74

- BUILDING RESEARCH GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY
W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
- BUILDING RESEARCH ADVISORY BD PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- BULK DENSITIES EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-35-72
- BULLDOZERS SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A
HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
- BULLOCK AND HUGHES GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- BULLOCK, D B GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- BULMASOV, A P STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM
DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474
- BURN, K N ADFREEZING AND FROST HEAVING OF FOUNDATIONS, E PENNER, K N BURN, CANADIAN BLDG DIGEST, N R C
DIV OF BLDG RES, OTTAWA, AUG, 1970, NO 128
- BUTLER, W H COMMENTS ON THE SOVIET PERMAFROST BUILDING CODE, BY W H BUTLER, A S C E SYMPOSIUM COLD REGION
ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 474-482, TA24A5A6
- BYRD STATION, ANTARCTICA DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUDE, E W MARSHALL, A GOW
U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH RPT 60
- C S P SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER
R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,726
- C S P G GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY,
JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- CABLES WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJJCEC, L W WHITMER, I O L PROD RES
AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73
- CALCIUM CHLORIDE REFRIGERATED DRILLING FLUID TESTS, BY D E VESCARELLI, I O L CALGARY, ENGDEPT, 1970,
IPRC-10ME-70
- CALCULATIONS PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- CALORIMETERS PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD
REGIONS RES+ENG LAB, HANDOVER, MARCH, 1972, CRREL TRANSLATION TL 319
- CAMBRIAN GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59

CAMPBELL, K J

CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L
BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FOR U S OFFICE OF NAVAL RES, MAY 1972, AD772549
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTRO
MAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S OFFICE OF NAVAL RES, APR 1972, AD770902
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAG
NETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902

CANADA

BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
DISTRIBUTION OF PERMAFROST AND ITS RELATION TO AIR TEMPERATURE IN CANADA AND IN THE U S S R
BY R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1960, DIV BUILDING RES, RESEARCH PAPER 112
GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967

PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N5B7
PERMAFROST INVESTIGATION IN CANADA, R F LEGGET, H B DICKENS, R J E BROWN, NATIONAL RES
COUNCIL, OTTAWA, 1961, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 122
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA710I5
WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND
SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75

CANADA CENTRE REMOTE SENSING

APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYM ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1

CANADA DEFENCE RESEARCH BD

EARTHS PERMAFROST BEDS, N A GRAVE, PERMAFROST AND ANCIENT GLACIATION, I P GERASIMOV,
DEFENCE RESEARCH BOARD T499R, JULY 1968, P BOX 2475
STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM
DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474

CANADA DEPT ENERGY MINES+RES

ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY
DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065
NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE
MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE
CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.

CANADA DEPT HEALTH AND WELFARE

PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA
DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-3

CANADA DEPT IND AFF+NORTH DEV

CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY
J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10

CANADA DEPT OF ENVIRONMENT

ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P
ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT,
FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67
LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR
FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A
HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND
W W PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4

- CANADA DEPT OF INDUSTRY PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV 1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
- CANADA DEPT OF MINES GEOGR BR PINGOS OF THE PLEISTOCENE MACKENZIE DELTA AREA, BY J ROSS MACKAY, DEPT OF MINES + TECH SURVEY
GEOGRAPHICAL BR, GEOG BULL 18 P21-63 NOV 1962, M/MC-3
SEGREGATED EPIGENETIC ICE AND SLUMPS IN PERMAFROST - MACKENZIE DELTA AREA, N W T, BY
J R MACKAY, GEOGR BR, CANADA DEPT OF MINES + TECH SURVEYS, OTTAWA, 1966, M/MC-5
- CANADA DEPT OF PUBLIC WORKS HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- CANADA DEPT OF TRANSPORT BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
- CANADA EARTH PHYSICS BRANCH CANADIAN GEOTHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND
A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOTHERMAL SERIES 1
CANADIAN GEOTHERMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT
OF ENERGY, MINES AND RESOURCES, 1975, GEOTHERMAL SERIES NO 3
- CANADA GEOGRAPHICAL BRANCH MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY
CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
- CANADA MINES BRANCH NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE
MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
- CANADA, NORTHERN BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
CANADIAN GEOTHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND
A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOTHERMAL SERIES 1
CANADIAN GEOTHERMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT
OF ENERGY, MINES AND RESOURCES, 1975, GEOTHERMAL SERIES NO 3
GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE
MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
PERMAFROST MAP OF CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, OTTAWA, 1968, NRC 10326,
DBR TECH PAPER 277
PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT
CALGARY, JUNE 1966, REPORT NO IPRT-4M1-66
POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD,
J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956

- CANADA, NORTHERN REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
- SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
- WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959
- CANADA, NORTHERN OFFSHORE HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- CANADIAN ARCTIC GAS STUDY LTD DEPTH OF OVERBURDEN COVER OVER PIPE + PILE ANCHORAGE TECHNICAL + COST CONSIDERATIONS, BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, AUG 1974, E2518
- EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
- FOUNDATION DESIGN, INTERIM REPORT BY NORTHERN ENGINEERING SERVICES LTD, FOR CANADIAN ARCTIC GAS STUDY LTD, JULY 1974, E2510
- GEOTECHNICAL ASPECTS OF SOIL PIPE INTERACTION AT SINGLE FIELD BENDS, BY NORTHERN ENGINEERING SERVICES FOR CANADIAN ARCTIC GAS STUDY LTD, JUNE 1974, E2520
- LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
- SOME ASPECTS OF NATURAL SLOPE STABILITY IN PERMAFROST IN RELATION TO APPLICANTS PROPOSED PIPE LINE, BY NORTHERN ENG SERVICES LTD FOR CANADIAN ARCTIC GAS LTD, OCT 1974, E2512
- TRANSIENT FLOW STUDY - PREDICTION OF THERMAL RESPONSE DURING WARM WATER TESTING OF PIPELINES, BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, MAY 1974, E2517
- CANADIAN BECHTEL LTD INUVIK TEST FACILITY, FINAL REPORT, VOL 1-EXECUTIVE SUMMARY, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 1
- INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
- INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
- MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
- CANADIAN CHEMICAL ENG CONF FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH CANADIAN CHEM ENG CONF, OTTOWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
- CANADIAN CONF ON PERMAFROST THERMAL EROSION PROBLEMS IN PIPELINING, BY T G WATMORE, I O L PROD DEPT, MS REL TO OIL INDUSTRIES, PREPRINT NO 648
- CANADIAN DRILLING SUBCTTE FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
- CANADIAN FORESTRY SERVICE ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
- ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NOR-X-32
- CANADIAN GAS ASSOCIATION PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL TECHNICAL CONFERENCE, 1970, P BOX 2551
- CANADIAN GEOTECHNICAL SOCIETY GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792

- CANADIAN NORTH PIPE RES CONF PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
- CANADIAN SHIELD GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
- CANADIAN SOCIETY FOR CHEM ENG FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
- CANADIAN SYMP REMOTE SENSING APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, G8131C1
- CANOL FM PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- CANOL PIPELINE ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L
PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
- CANOL ROAD CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA
LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
- CAPE THOMPSON AREA, ALASKA ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
- CARBONIFEROUS GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- CARD, C C DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH
SERV, NOVEMBER 1973, LAB REPORT NO L-60573
- CARDIN, A V PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL
TECHNICAL CONFERENCE, 1970, P BOX 2551
- CARNWATH RIVER AREA, N W T GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY
J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- CARTOGRAPHY MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- CASE HISTORIES GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD,
DEC 1971, MVPL FEAS STUDY-1971, BACK-JP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
- CASING FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
PRELIMINARY CASING DOWNDRAAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973,
LAB REPORT NO L-42273
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION
RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
WELLHEAD AND CONDUCTOR-CASING INTEGRITY, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY
1974, CALGARY, ALTA, IPRT-15ME-74

- CASING DESIGN ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO
HUMBLE MISC REPORT MAY 6, 1971
MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUK PENINSULA, N W T, BY
J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION
RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
- CASING FAILURES ANALYSIS OF CASING BUCKLING+SURFACE CASING CEMENT REQUIREMENTS, R H G MILLAR, I O L PROD RES
+ TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-12ME-74
WELLHEAD AND CONDUCTOR-CASING INTEGRITY, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY
1974, CALGARY, ALTA, IPRT-15ME-74
- CASING RUNNING CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
- CASING STRAIN PREDICTIONS MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL,
ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR.109PS.75
- CASING STRESSES ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS
EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRAG PROBLEMIN TAGLU PROD WELLS
R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74
CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27
1972, EPR-MISC-JULY 1972
CONSERVATIVE DOWNDRAG ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH
SERV DEPT, DECEMBER 1973, IPRT-28ME-73
DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH
SERV, NOVEMBER 1973, LAB REPORT NO L-60573
NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL
THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
- CEMENT CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
- CEMENT ADDITIVES CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND
TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-34E-66
- CEMENT BOND CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
- CEMENT SLURRIES CEMENT SLURRY COMPOSITION FOR USE IN PERMAFROST, C R CLARK, HUMBLE OIL +REFINING CO, JULY
1972,
- CEVOZDIC REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- CHAPMAN, R M GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- CHARLES, J L PERMAFROST ASPECTS OF HUDSON BAY RAILROAD, BY J L CHARLES, NATIONAL RESEARCH COUNCIL OF CAN,
DIV OF BLDG. RES, TECHNICAL PAPER NO 94, OTTAWA, 1960, 11P
- CHEMICAL ANALYSES EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34

CHEMICAL PROPERTIES

CHERKASHIN, A F

CHRISTIE, R L

CHRISTMAN, S A

CHUKCHI SEA

CHUMICHEV, B D

CHURCHILL AREA, MAN

CITY PLANNING

CIVIL ENGINEERING

CLAPPERION ISLAND

CLARE, H A

CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73

BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252

RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO, BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138

ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO HUMBLE MISC REPORT MAY 6, 1971

DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCEPS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5

ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE8306

PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD REGIONS RES+ENG LAB, HANDOVER, MARCH, 1972, CRREL TRANSLATION TL 319

EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961

INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE (SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547

BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683

CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION SERVICE, FEB 1972, P BOX 2590

CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960

GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959

PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA

PERMAFROST, PART 2, STRUCTURAL ENGINEERING, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE JAN 1975, PS-75/198

PRINCIPLES OF GEOCRYOLOGY, PT 2, ENG GEOCRY, CHAPT XI, SPECIFIC FEATURES OF STRUCTURES IN PERMAFROST CONDITIONS, A I DEMENTEV, NAT RES COUNCIL, OTTAWA, DIV OF BLDG RES, 1966, TT-1232

PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515

REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962

SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 127, AUG 1961

WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959

HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE AND W N MCKAY, I O L PROD RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V 4 NO 2 35P

REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1

- CLARK, C R CEMENT SLURRY COMPOSITION FOR USE IN PERMAFROST, C R CLARK, HUMBLE OIL +REFINING CO, JULY 1972,
- CLASTIC ROCKS GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
- CLAY MINERALS OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY D C BAPTIST, U S BUREAU OF MINES R I 5642, 1960
- CLAY SWELLING DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZDZUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- CLAYS CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB HANOVER, N H, JULY 1974, TECH RPT 252
DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZDZUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- CLEARINGHOUSE FED SCI TECH INF ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA, RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631
CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T BALOBAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199
- CLIMATE ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957
ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8
ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349
ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA, RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631
BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC TECHNICAL PUB HOUSE OF OIL & FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO K-103, TN871.5M2
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

CLIMATE

INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYDC,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957
PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965.
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, J MOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
POLAR WORLD, BY P D BAIRD, WILEY, NEW YORK, 1964, G587B163

POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY
CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T
H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL
FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L
WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NO 755, M/R-4

CLIMATIC OSCILLATIONS

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES
OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY
N I SALTYKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN
WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236

CLIMATOLOGY

CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB,
AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QB83U6
GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY,
JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70I57

COAL DEPOSITS

GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964

COASTAL ICE

EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE
LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION R-420

COASTAL LANDFORMS

PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5

COASTLINES

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

COLD WEATHER CONDITIONS

ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAP 15, 1955, PB151984

COLD WEATHER CONDITIONS

BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR.FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB, AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
COMPREHENSIVE REPORT INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC AND SUBARCTIC REGIONS, 1945-1948, U S ARMY CORPS OF ENGINEERS, ST PAUL, MINN, JUNE 1950, MAIN REPORT
NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST,BY V P BAKAKIN, MOSCOW,1959, NRC, OTTAWA, 1965, TT-1217
SNOW, ICE AND PERMAFROST IN MILITARY OPERATIONS, R F FLINT, U S ARMY SNOW, ICE AND PERMAFROST RESEARCH ESTABLISHMENT, WILMETTE, ILLINOIS, SEPT 1953, CRREL TECH RPT 15
SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555

COLPITTS, G P

CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73

COMMUNICATION SYSTEMS

ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8

COMMUNICATIONS

ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP,CENTREVILL,MD, 1963 ARCTIC INSTITUTE OF NORTH AMERICA,G601A8.

COMPACTION

DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY,CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS,BY N A TSYTOVICH ET AL, MOSCOW,1959, NRC, OTTAWA, 1966, TT-1239
SETTLING OF THAWING GROUND, V F ZHUKOV, U S ARMY COLD REGIONS RES AND ENG LAB, JULY 1972 AD748 157, DRAFT TRANSLATION 355

COMPARATIVE EVALUATIONS

SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8 1971, PLR 142-016

COMPRESSION TESTS

INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, J OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580

COMPUTER PROGRAMS

EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TA710S65
INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2

- COMPUTER SIMULATION CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
- CONCRETE CONSTRUCTION ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349
- CONCRETE FOUNDATIONS STRENGTH INCREMENT OF CONCRETE POURED INTO HOLES DRILLED IN PERMAFROST, B I BEREZOVSKIY, O I PAVLENKO, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 317
- CONCRETE TANKS STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- CONFERENCES PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- CONFERENCES 1960 GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- CONFERENCES 1962 PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- CONFERENCES 1963 PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- CONFERENCES 1964 PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH. MEMO NO 86, SEPT 1965, E 513-515
- CONFERENCES 1969 CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, BY M ROMANOFF, NATIONAL ASSOC OF CORROSION ENGRS, 1969 CONF, HOUSTON, TEX, PREPRINT NO 81, TA462N2
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN, NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
- CONFERENCES 1970 ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEARCH, ICE SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL TECHNICAL CONFERENCE, 1970, P BOX 2551
POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516
PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5
PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV 1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
- CONFERENCES 1972 PROCEEDINGS OF A SEMINAR ON THERMAL REGIME AND MEASUREMENTS IN PERMAFROST 2 AND 3 MAY 1972 NATIONAL RESEARCH COUNCIL OF CANADA, OCTOBER 1973, TECHNICAL MEMORANDUM NO 108
- CONFERENCES 1973 FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16P
FIRST MEETING OF THE CANADA-USSR SUBGROUP EQUIPMENT AND TECHNOLOGY FOR DRILLING IN NORTHERN AND PERMAFROST AREAS, CALGARY, MARCH 16-28, 1973, AGENDA IN RUSSIAN AND ENGLISH, TN871.2C16P
NORTH AMERICAN CONTRIBUTION, PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK, U S S R, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, TA71016
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016

CONFERENCES 1973

SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016

CONFERENCES 1974

FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH CANADIAN CHEM ENG CONF, OTTOWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679

CONNOLLY, E T

EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-3S-72

CONSERVATION

CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT, OTTAWA, 1971
OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRIES CONCERN FOR THE ENVIRONMENT, AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550

CONSOLIDATION

FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

CONSTRUCTION

ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT CALGARY, FEBRUARY 1974, IPRC-4ME-74
COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
COMPREHENSIVE REPORT INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC AND SUBARCTIC REGIONS, 1945-1948, U S ARMY CORPS OF ENGINEERS, ST PAUL, MINN, JUNE 1950, MAIN REPORT
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION, RES AND INSTRUMENTATION, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BUILDING RES, TECH PAPER NO 178, MAR 1965
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRYOLOGY, BY N I SALTYKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276

CONSTRUCTION COSTS

METHODOLOGY OF COMPARING THE ECONOMICS OF DIFFERENT CONSTRUCTION PROJECTS, V F ZHUKOV, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, 1963, TECH TRANS 1064
STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION
ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019

CONSTRUCTION MATERIALS

COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND, WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308

CONSTRUCTION PROBLEMS

BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961

- CONSTRUCTION PROBLEMS
 PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
 PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRIOLOGY, BY N I SALTYKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
 PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
 PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN, NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
 RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
 REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEAPCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- CONSULTANTS
 RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
- CONTINENTAL SHELF
 ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- CONTINUOUS VELOCITY LOGS
 TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
- CONTINUOUS WAVE METHOD
 SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,726
- COOK INLET AREA, ALASKA
 ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241
- COOLING
 MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
 REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
- COOLING SYSTEMS
 REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH + ENGG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
- COOPER, H W
 USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER MSC THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6
- COPP, S C
 PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD, J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
- COPPERMINE RIVER AREA, N W T
 GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
- CORDILLERAN REGION
 GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
- CORE ANALYSES
 CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 305-L, 1964
 PERMAFROST INVESTIGATIONS AT AKLAVIK 1953%DRILLING AND SAMPLING<, BY J A PIHLAINEN, G H JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
- CORE ANALYSIS
 ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III

CORE DESCRIPTIONS	CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 305-L, 1964 GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
CORES	ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
CORING	CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMAN, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81 DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH SERV, NOVEMBER 1973, LAB REPORT NO L-60573 INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245 NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016 ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III VIBRATORY PILE DRIVING AND CORING IN PERMAFROST, R W HUCK, U S ARMY CRREL, HANOVER N H, NOV, 1969, TECHNICAL NOTE 69-1
CORING COSTS	DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH SERV, NOVEMBER 1973, LAB REPORT NO L-60573 DEEP PERMAFROST CORING, A PROJECT SUMMARY, VOL 1+2 (2 AT PR+TS ONLY) C C BOMBARDIERI, I O L PROD RES + TECH SERV DEPT, CALGARY, MARCH 1974, IPRT-1ME-74
CORNWALL ANTICLINE	GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
CORRESPONDENCE	BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
CORROSION CONTROL	CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, BY M ROMANOFF, NATIONAL ASSOC OF CORROSION ENGRS, 1969 CONF, HOUSTON, TEX, PREPRINT NO 81, TA462N2
CORROSION RATES	ARCTIC PIPELINE DESIGN AND CONSTRUCTION, BY C DUNCAN, I O L PROD RESEARCH AND TECH SERVICES, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 4
CORROSION TESTING	CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, M ROMANOFF, 25TH ANN NACE CONF, HOUSTON, MARCH 10-14 1969, PAPER NO 81, PRINT NO 839
COST ESTIMATES	BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306 PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144 PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
CRAMPTON, C B	LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
CRAWFORD, C B	PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD, J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
CREEP	CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB HANOVER, N H, JULY 1974, TECH RPT 252

CREEP

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305

CREEP PROPERTIES

FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

CRETACEOUS

GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59

CRORY, F E

BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH REPT 266
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER NH, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
MEASUREMENT OF FROST HEAVING FORCES ON PILES, F E CRORY AND R E REED, U S ARMY COLD REGIONS RESEARCH AND ENG LAB, OCTOBER 1965, TECHNICAL REPORT 145, AD 484 955
PILE FOUNDATIONS IN DISCONTINUOUS PERMAFROST AREAS, BY F E CRORY, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, MARCH 1967, AD 814,700, CRREL SPECIAL REPORT 79

CROWDER, W K

ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241

CRUDE OIL RECOVERY

OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY D C BAPTIST, U S BUREAU OF MINES R I 5642, 1960

CRYOGENICS

DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, M/MC-8
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
ROLE OF CRYOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255
STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474

CRYSTAL STRUCTURE

CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73

CRYSTALLIZATION

DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130

CULVERTS

ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971
57, PRINT NO 805

- CULVERTS NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- DAM FOUNDATIONS CONSTRUCTION OF A WATER STORAGE DAM ON PERMAFROST AND DISCHARGE AND BLOCKING UP THE RIVER
DURING CONSTRUCTION ... BY G F BIYANOV, NAT RES COUNCIL OF CANADA, 1969, TECH TRANSL 1353
DYKES ON PERMAFROST, KELSEY OPERATING STATION, MANITOBA, BY G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, 1969, RES PAPER NO 390
- DAMS PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- DANILOVICH, M Y EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV,
ET AL, RAZVEDKA I OKHRANA NEDR 24, NO 10, P 45-48, 1958, TRANSL A T S RJ-1770
- DATA REPORTS PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB
STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- DAVIS STRAIT GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- DAWSON AREA, YUKON RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI
FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2
- DAWSON, R N PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA
DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-8
- DE MILLE, G REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- DECISION MAKING DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH
SERV, NOVEMBER 1973, LAB REPORT NO L-60573
- DEEP DRILLING DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUE, E W MARSHALL, A GOW
U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH RPT 60
DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH
SERV, NOVEMBER 1973, LAB REPORT NO L-60573
EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV,
ET AL, RAZVEDKA I OKHRANA NEDR 24, NO 10, P 45-48, 1958, TRANSL A T S RJ-1770
ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
- DEEP FOUNDATIONS PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- DEEP SEA DRILLING PROJECT CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND
EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73
- DEFORMATION PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES
RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING,
FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF
ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY V I SALTYSKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215

- DELTAIC SEDIMENTS
STRATIGRAPHY OF THE MACKENZIE RIVER DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1965, DIV BUILDING RES, RES PAPER NO 235
- DEMENTEV, A I
PRINCIPLES OF GEOCRIOLOGY...PART 2-ENGINEERING GEOCRIOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRIOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
PRINCIPLES OF GEOCRIOLOGY, PT 2, ENG GEOCR, CHAPT XI, SPECIFIC FEATURES OF STRUCTURES IN PERMAFROST CONDITIONS, A I DEMENTEV, NAT RES COUNCIL, OTTAWA, DIV OF BLDG RES, 1966, TT-1232
- DEMERS, J
PERMAFROST HYDROLOGY, CANADIAN NAT'L COMMITTEE, THE INTERNATIONAL HYDROLOGICAL DECADE, PROC OF WORKSHOP SEMINAR, ENVIRONMENT CANADA, OTTAWA, 1974, TC501
- DENSITY DETERMINATIONS
PRINCIPLES OF GEOCRIOLOGY, PT I, GENERAL GEOCR, CHAPT VIII, TEMPERATURE, THICKNESS AND DISCONTINUITY OF PERMAFROST, BY V A KUDRYAVTSEV, NAT RES COUNCIL, OTTAWA, 1965, NRC TT-1187
- DENSITY LOGS
TEXACO PERMAFROST DENSITY LOGGING RPT, L P OCONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972, MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967
- DEPOSITIONAL CYCLES
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- DEPOSITIONAL ENVIRONMENTS
AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QE515L39
- DESIGN
ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT CALGARY, FEBRUARY 1974, IPRC-4ME-74
DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND, WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
FOUNDATION DESIGN, INTERIM REPORT BY NORTHERN ENGINEERING SERVICES LTD, FOR CANADIAN ARCTIC GAS STUDY LTD, JULY 1974, E2510
MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406
PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1566
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
- DESIGN CRITERIA
FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
PERMAFROST DESIGN CRITERIA, H R PEYTON, FOR ALYESKA PIPELINE SERVICE CO, 1969, PLR 142-006
STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76

- DETERMAN, R L GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- DEVELOPMENT PLANNING ARCTIC TASK FORCE - PROGRESS REPORT NO 1, BY THE ARCTIC ENGINEERING GROUP, DEVELOPMENT DEPT
I O L PROD DEPT, EDMONTON, AUG 1969, IPRE-21ME-69
- DEVONIAN GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- DIAMOND BITS INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY
COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245
- DIAPIR EFFECTS AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- DICKENS, H B BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961
PERMAFROST INVESTIGATION IN CANADA, R F LEGGET, H B DICKENS, R J E BROWN, NATIONAL RES
COUNCIL, OTTAWA, 1961, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 122
WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS,
NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959
- DIKES DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT
JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
DIKES ON PERMAFROST, PREDICTING THAW AND SETTLEMENT, BY W G BROWN, G H JOHNSTON, NAT RESEARCH
COUNCIL, OTTAWA, 1970, DIV OF BUILDING RESEARCH, RES PAPER NO 451
DYKES ON PERMAFROST, KELSEY OPERATING STATION, MANITOBA, BY G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, 1969, RES PAPER NO 390
- DINGMAN, S L HYDROLOGIC EFFECTS OF FROZEN GROUND, LITERATURE REVIEW + SYNTHESIS, S L DINGMAN, U S ARMY
COLD REGIONS RESEARCH + ENGIN LAB, MAR 1975, SPECIAL REPORT 218
- DISPERSION HALOS INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- DISPERSION PATTERNS INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- DISTRIBUTION PATTERN PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T. L. PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY
P BOX 1996
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- DISTRICT OF MACKENZIE, N W T GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND
ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
- DOHERTY, P C HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970
USGS MISC

DOKUCHAYEV, V V	FOUNDATIONS AND BASES ON PERPETUALLY FROZEN GROUND, BY V V DOKUCHAYEV, U S DEPT OF COMMERCE, 1963, AD 711909
DOW CHEMICAL CO	SYSTEM FOR PROTECTING PERMAFROST FROM THE THERMAL EFFECTS OF A HOT PIPELINE, DOW CHEMICAL CO ALYESKA PIPELINE SERVICE COMPANY, UNDATED, PLR 142-090
DOWNDRA	ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRA PROBLEM IN TAGLU PROD WELLS R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74
	CONSERVATIVE DOWNDRA ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, DECEMBER 1973, IPRT-28ME-73
DOWNHOLE TEMPERATURES	LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUCC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10
DRAG COEFFICIENT	DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH SERV, NOVEMBER 1973, LAB REPORT NO L-60573
DRAINAGE	AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
	DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND, WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
	FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRD BULLETIN 111
	NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
	PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO NORTH ALTA, J MOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
DRAINAGE AREAS	PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965
DRAINAGE PATTERNS	TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322
DRAINAGE, NATURAL	PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60685
DRILL PIPE	CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
DRILL STEM TESTS	TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967
DRILLING	EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
	FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCITE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
DRILLING EQUIPMENT	DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZDZUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
	FIRST MEETING OF THE CANADA-USSR SUBGROUP EQUIPMENT AND TECHNOLOGY FOR DRILLING IN NORTHERN AND PERMAFROST AREAS, CALGARY, MARCH 16-28, 1973, AGENDA IN RUSSIAN AND ENGLISH, TN871.2C16P
	PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
DRILLING FLUID FREEZING	DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5

DRILLING FLUIDS

ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74

CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113

DEEP PERMAFROST CORING, A PROJECT SUMMARY, VOL 1+2 (2 AT PR+TS ONLY) C C BOMBARDIERI, I O L
PROD RES + TECH SERV DEPT, CALGARY, MARCH 1974, IPRT-1ME-74

DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP
AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5

FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F

MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL
CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406

MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT
EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972

NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS
DIV, DECEMBER 1973, EPR.43PR.73

DRILLING METHODS

ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74

CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113

DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUE, E W MARSHALL, A GOW
U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRPEL TECH RPT 60

DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP
AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5

EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV,
ET AL, RAZVEDKA I OKHRANA NEDR 24, NO 10, P 45-48, 1958, TRANSL A T S RJ-1770

FIRST MEETING OF THE CANADA-USSR SUBGROUP EQUIPMENT AND TECHNOLOGY FOR DRILLING IN NORTHERN
AND PERMAFROST AREAS, CALGARY, MARCH 16-28, 1973, AGENDA IN RUSSIAN AND ENGLISH, TN871.2C16F

PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954

ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III

DRILLING PROBLEMS

DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP
AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5

FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F

FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961

MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL
CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406

PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958

DRILLING PROGRAMS

TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76

DRILLING RIGS

ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74

FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F

DUBNIE, A

NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE
MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148

DUKHIN, I Y

STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474

DUNCAN, C

ARCTIC PIPELINE DESIGN AND CONSTRUCTION, BY C DUNCAN, I O L PROD RESEARCH AND TECH SERVICES, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 4
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERV DEPT, QUARTERLY PROJECT RPTS, V 2, NO 2, FEB-APR 1969, PAPER NO 5
EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERVICE LAB, CALGARY, AUG-OCT 1969, QUARTERLY PROJECT REPORT, V 2, NO 4, PAPER 5

DUNES

SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD
U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964

DYLIK, J

FROST CRACKS, FROST FISSURES AND RELATED POLYGONS, LIT SUMMARY, BY J DYLIK, G C MAARLEVELD
MEDEDELINGEN GEOL STICHTING NIEUWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686

DYNAMITES

EXCAVATIONS IN FROZEN GROUND - CRITICAL DEPTH SHOTS - 100 AND 50 LB - IN FORT CHURCHILL TILL
R BENERT, U S ARMY COLD REGIONS RESEARCH LAB, JAN 1961, TECH REPT 79, AD652,715

E P R CO

ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS
EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO
HUMBLE MISC REPORT MAY 6, 1971
CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73
EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY
MAY 1, 1975, EPR.6PR.75
MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL, ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR.109PS.75
NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARKETT, EPRCO, PRODUCTION OPS DIV, DECEMBER 1973, EPR.43PR.73
RECOGNITION OF NATURALLY OCCURRING GAS HYDRATES IN ARCTIC NORTH AMERICA, J W MULHOLLAND
EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.31EX.75
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV
SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER
NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970
SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR.1PR.74
VELOCITY APPLICATION IN NORTH SLOPE ALASKA, D J NELIPOVICH, IN EPRCO VELOCITY SYMPOSIUM
FEBRUARY 23-27, 1976, EPR.15EX.76
WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND
SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75

ERTS

APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON
ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANDOVER NH, JUNE 1973, CRREL TECH REPORT 241

- EAGLE PLAINS AREA, YUKON GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- EAGLE PLAINS BASIN, YUKON GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- EARTH DAMS NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- EARTH SCIENCES REPORT ON THE GEOTECHNICAL SCIENCES TO SOLID-EARTH SCIENCE STUDY GP OF THE SCIENCE COUNCIL OF CANADA, NATIONAL RESEARCH COUNCIL CAN, OTTAWA, JUNE, 1969, TECH MEMO NO 95
- EARTHQUAKE SEISMOLOGY BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
- EARTHQUAKE-PROOF BUILDINGS PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666
- EARTHQUAKES ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- EARTHS CRUST DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTHS CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
- EARTHWORK ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT. RES COUNCIL, WASHINGTON, TA71016
- EAST THREE, MACKENZIE DELTA INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN & SUPPL BY D W BOYDC, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
- ECOLOGY ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, G8131C1
ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH & SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576A7
ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, Q83U6
OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRY'S CONCERN FOR THE ENVIRONMENT, AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
PERMAFROST AS AN ECOLOGICAL FACTOR IN THE SUBARCTIC, BY R J E BROWN, NATIONAL RES COUNCIL OTTAWA, 1970, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 313
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO NORTH ALTA, J MOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
SOME ASPECTS OF THE INTERRELATIONSHIP OF PERMAFROST AND TUNDRA BIOTIC COMMUNITIES, BY W O PRUITT, CONF ON PRODUCTIVITY + CONSERV IN NORTH CIRCUMPOLAR LANDS, EDMONTON, OCT 15-17, 69
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, M/R-4

- ECONOMIC ANALYSES
METHODOLOGY OF COMPARING THE ECONOMICS OF DIFFERENT CONSTRUCTION PROJECTS, V F ZHUKOV, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, 1963, TECH TRANS 1064
- ECONOMIC DEVELOPMENT
POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113, DEC 1960
- ECONOMIC GEOLOGY
SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964
- ECONOMICS
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
- EFREMOV, I D
GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- ELECTRIC LOGS
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967
- ELECTRICAL INSTALLATIONS
DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2
GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT TRANSLATION, NAUKA, 1959, P172-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221
- ELECTRICAL SURVEYING
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PROPOSAL FOR A STUDY OF THE GEOMETRY STRUCTURE AND DISTRIBUTION OF PERMAFROST BY ELECTRICAL PROSPECTING METHODS, GEOTERREX LTD, OTTAWA, OCT 1971, GEOTERREX-71-1
USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER MSC THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6
- ELECTROMAGNETIC INDUCTION
INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
- ELECTROMAGNETIC SURVEYING
CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FORU S OFFICE OF NAVAL RES, MAY 1972, AD772549
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTRO MAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S OFFICE OF NAVAL RES, APR 1972, AD770902
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAG NETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA710I6
REPORT ON CO-SPONSORED PERMAFROST TEST SURVEY IN ARCTIC ISL + MACKENZIE DELTA USING GEOPROBE EMR-14 EM SYSTEM, M K GHOSH, P G HALLOF, MCPHAR GEOPHYSICS COMPANY, JULY 1974, MCPHAR-74-1
- ELECTROMAGNETIC WAVES
EXPERIMENTAL RESULTS OF THE ELECTROSEISMIC EFFECT AS A PERMAFROST-THICKNESS MEASUREMENT TECHNIQUE, S A BOYER, GEOPHYSICS RESEARCH DIGEST, VOL 10, NO 1-2, JUNE 1971, P 38-45
- ELECTROMECHANICAL TRANSDUCERS
SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD635,725

- ELEMENT ABUNDANCE INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- ELEVATED PIPELINES FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM
WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8
1971, PLR 142-016
THAW SETTLEMENT IN ELEVATED PIPELINE SECTIONS OF TRANS-ALASKA PIPELINE SYSTEM VALDEZ TO YUKON
RIVER, WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERV CO, JUNE 1972, PLR 142-158
- ELLESMERE ISLAND GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO,
BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138
- ELLICE ISLAND, N W T GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, IOL ARCTIC COORDINATION,
PARTS A AND B, IPRC-7ME-70
- EMBANKMENTS INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP
FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057
- ENERGY BALANCES PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES
OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
- ENERGY REQUIREMENTS OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRIES CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
- ENGINEERING GEOLOGY ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY D J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- ENGINEERING INST OF CANADA GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL
CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
- ENGINEERING STUDIES POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
- ENVIRONMENTAL EFFECTS ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P
ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
EFFECT OF DISTURBANCE ON PERMAFROST TERRAIN, BY J BROWN ET AL, U S ARMY COLD REGIONS RESEARCH
AND ENGINEERING LAB, HANOVER, NOV 1969, AD 699,327, CRREL SPECIAL REPORT 138
ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL
PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRIES CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
PERMAFROST-DISTRIBUTION AND RELATION TO ENVIRONMENTAL FACTORS IN THE HUDSON BAY LOWLAND,
R J E BROWN, NATIONAL RESEARCH COUNCIL, CANADA, 1973, NRC RES PAPER 576

ENVIRONMENTAL EFFECTS

PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL TECHNICAL CONFERENCE, 1970, P BOX 2551
PROBLEMS OF PIPELINE CONSTRUCTION UNDER ARCTIC CONDITIONS, A FEINGOLD, PAPER PRESENTED 74TH NATIONAL MTG OF AMER INST OF CHEM ENG, NEW ORLEANS, MAR 11-15, 1973, AICHE PRINT 4978, E02462
PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NO 755, M/R-4

ENVIRONMENTAL PROTECTION

PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARNS, WILLIAMS BROTHERS ENGINEERING CO PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174

ENVIRONMENTAL RESEARCH

ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NDR-X-32
STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14

ENVIRONMENTAL STUDIES

APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GR131C1

EOLIAN SEDIMENTATION

SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964

EPIGENETIC PROCESSES

SEGREGATED EPIGENETIC ICE AND SLUMPS IN PERMAFROST - MACKENZIE DELTA AREA, N W T, BY J R MACKAY, GEOGR BR, CANADA DEPT OF MINES + TECH SURVEYS, OTTAWA, 1966, M/MC-5

EPWORTH FM

GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPOULE AND ASSOCIATES, JANUARY, 1960, REPORT NO-83

EQUIPMENT

DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND, WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4

EROSION

ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I D L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14
THERMAL EROSION PROBLEMS IN PIPELINING, BY T G WATMORE, I D L PROD DEPT, MS REL TO OIL INDUSTRIES, PREPRINT NO 648

ESKIMOS

ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BORNEAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666

- ESKIMOS ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
- ETIVLUK RIVER AREA, ALASKA GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETERMAN, M D MANGUS EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- EVANS, W D MAPPING THE BASE OF PERMAFROST BY REFLECTION SEISMIC, W D EVANS, I O L GEOPHYSICAL RES, MAY 1970, IPRCEP-28MGP-70
- EVAPORATION PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250 SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
- EXCAVATION EXCAVATIONS IN FROZEN GROUND - CRITICAL DEPTH SHOTS - 100 AND 50 LB - IN FORT CHURCHILL TILL R BENERT, U S ARMY COLD REGIONS RESEARCH LAB, JAN 1961, TECH REPT 79, AD652,715 PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- EXCAVATORS DESIGN PARAMETERS FOR A ROTARY EXCAVATING ATTACHMENT, M MELLOR, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, N H, CRREL TECH NOTE SEPT 1972 OBSERVATIONS OF PART OF THE PIPELINE DITCHING TESTS IN PERMAFROST, FAIRBANKS, ALASKA, BY T G WATMORE, I O L EDMONTON DEVELOP DEPT, MARCH 1969, IPRE-13ME-68 PERMA FROST DITCHING TEST FOR TRANS-ALASKA PIPELINE SYSTEM, D J MOORE, PIPELINE TECHNOLOGISTS INC, ALYESKA PIPELINE SERVICE COMPANY, APRIL 7, 1969, PLR 142-001
- EXPANSION COEFFICIENT POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TCSI6
- EXPANSION DRIVE OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY D C BAPTIST, U S BUREAU OF MINES R I 5642, 1960
- EXPLOSIVES ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349
- EXXON CO, U S A ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO HUMBLE MISC REPORT MAY 6, 1971 CEMENT SLURRY COMPOSITION FOR USE IN PERMAFROST, C R CLARK, HUMBLE OIL +REFINING CO, JULY 1972, PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5
- EXXON CORP MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972 PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
- EXXON MARKETING COORD DEPT STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- EXXON PRODUCERS TECH MTG 1974 DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
- FAIRBANKS AREA, ALASKA AIRBORNE RESISTIVITY MAPPING OF PERMAFROST NEAR FAIRBANKS, ALASKA, P HOEKSTRA, ET AL, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, SEPT 1974, RESEARCH REPORT 324 BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180

FAIRBANKS AREA, ALASKA

GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANDOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199 PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T,L, PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY P BOX 1996

FAUNA

ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NOR-X-32 GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157 PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T,L, PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY P BOX 1996

FEASIBILITY STUDIES

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293 BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306 DESIGN OF Laterally Loaded Piles in Permafrost, B LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574 DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578 FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-4, E 1566 GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE, MVPLRL, 72, MVPL FEAS STUDY, 72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567 GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36 GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296 HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577 INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, J OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580 INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-3, E 1565 PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972, FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575 PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL, 72, HVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-14, E1576 PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDDENBAY TO DORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294 PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309 PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144 PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308 REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305 STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019

TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322 TEXACO PERMAFROST DENSITY LOGGING RPT, L P O'CONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972, MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564

FEASIBILITY STUDIES

THERMAL CONDUCTIVITY MEASUREMENTS IN INJVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONSTR, STATS+TERMINALS, 18-10, E 1572

FEINGOLD, A

PROBLEMS OF PIPELINE CONSTRUCTION UNDER ARCTIC CONDITIONS, A FEINGOLD, PAPER PRESENTED 74TH NATIONAL MTG OF AMER INST OF CHEM ENG, NEW ORLEANS, MAR 11-15, 1973, AICHE PRINT 4978, E02462

FELDMAN, G M

DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M FELDMAN, PROTSESSY TEPLJ I MASSOGBMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777
HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMAN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTHS CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN

FERNALD, A T

SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD
U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964

FERRIANS, O J

PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY O J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
SELECTED REFERENCES ON PERMAFROST, AND RELATED ENGINEERING PROBLEMS IN ALASKA, O J FERRIANS,
U S GEOLOGICAL SURVEY, SEPT 1969

FIELD TESTS

AUGER DRILLING FIELD TESTS, ALYESKA PIPELINE SERVICE COMPANY, OCTOBER 30, 1972, PLR 142-023
FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
PERMA FROST DITCHING TEST FOR TRANS-ALASKA PIPELINE SYSTEM, D J MOORE, PIPELINE TECHNOLOGISTS
INC, ALYESKA PIPELINE SERVICE COMPANY, APRIL 7, 1969, PLR 142-001

FIELD WORK

PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBRUCHEV INST OF PERMAFROST STUDIES, NATL RES COUN
CAN-DIV OF BLDG RES, OTTAWA, 1969, TECH TRANS 1358
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287

FILTRATION DRAINAGE METHOD

PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF
MOISTURE-THERMAL AMELIORATION....BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250

FILTRATION POINT METHOD

PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF
MOISTURE-THERMAL AMELIORATION....BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250

FIRE PREVENTION

DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4

FISCHER, W H

SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER
R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636, 725

FITZE, P

TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF
CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657

FLINT, R F

SNOW, ICE AND PERMAFROST IN MILITARY OPERATIONS, R F FLINT, U S ARMY SNOW, ICE AND PERMAFROST
RESEARCH ESTABLISHMENT, WILMETTE, ILLINOIS, SEPT 1953, CRREL TECH RPT 15

FLOOD PLAINS

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

FLORA

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

- FLOW CALCULATIONS ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES
DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5
- FLOW DIAGRAMS ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT
CALGARY, FEBRUARY 1974, IPRC-4ME-74
NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY
MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
- FLUID FLOW HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY
OF FROZEN ZONES OF EARTHS CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
- FLUID GEOLOGY GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
HYDROGEOLOGICAL CONSIDERATIONS IN NORTHERN PIPELINE DEVELOPMENT, R L HARLAN, TASK FORCE ON
NORTHERN OIL DEVELOPMENT, OTTAWA, NOV 1974, E2680, RPT 74-26
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST
AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- FLUOR CANADA LTD REPORT ON GEOTECHNICAL RECOMMENDATIONS AND DESIGN CRITERIA, FOR BEAUFORT GAS PROJECT IMPERIAL
OIL LIMITED TAGLU N W T, PREPARED FOR FLUOR CANADA LTD, R M HARDY + ASSOC LTD, HARDY-75-2
- FLUVIAL EROSION PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, JMOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
- FLUVIAL SEDIMENTS SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD
U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
- FOAMED PLASTICS DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATN
FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP
FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057
- FOMICHEV, A S HOT LAKES IN PERMAFROST, A S FOMICHEV, PRIRODA NO 4, 1969, RUSSIA TRANSLATION R-230
- FORAMINIFERA COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
- FORECASTS POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
- FOREST FIRES ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY
OCT 26-27, 1970, APOA-70-1
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A
HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
- FOREST MANAGEMENT INSTITUTE ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P
ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
- FORESTRY APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, G8131C1

FORMATION DAMAGE OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY O C BAPTIST, U S BUREAU OF MINES R I 5642, 1960
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

FORMATION EVALUATION TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

FORMATION RESISTIVITY FACTOR TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

FORMATION TEMPERATURE OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY O C BAPTIST, U S BUREAU OF MINES R I 5642, 1960

FORT CREEK FM GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83

FORT GOOD HOPE AREA, N W T GEOTECHNICAL STUDIES OF PERMAFROST IN THE FORT GOOD HOPE-NORMAN WELLS REGION, NWT, R M ISAACS CANADA DEPT ENVIRONMENT, TASK FORCE ON NORTHERN OIL DEV, OTTAWA 1974, E02645, RPT 74-16

FORT MCPHERSON AREA, N W T PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69

FORT SIMPSON AREA, N W T FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961

FOSTER-MILLER ASSOCIATES INC FUNDAMENTAL CONCEPTS FOR THE RAPID DISENGAGEMENT OF FROZEN SOIL, PHASE 1, FOSTER-MILLER ASSOC INC FOR U S ARMY, CORPS OF ENG, COLD REGIONS RES+ENG LAB, HANOVER, MAY 1973, CRREL TR 233

FOULGER, P H DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388

FOUNDATION ENGINEERING CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION SERVICE, FEB 1972, P BOX 2590
FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021
INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
LABORATORY TESTING AND CHARACTERIZATION OF PERMAFROST FOR FOUNDATION USES, J A SCHUSTER, ASCE SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 73-118, TA2445A6
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015

FOUNDATION ENGINEERING

PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963

FOUNDATIONS

BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH REPT 266
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961
FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021
INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE, RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JAN, 1972, CRREL TRANSL TL 291
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
REPORT ON GEOTECHNICAL RECOMMENDATIONS AND DESIGN CRITERIA, FOR BEAUFORT GAS PROJECT IMPERIAL OIL LIMITED TAGLU N W T, PREPARED FOR FLUOR CANADA LTD, R M HARDY + ASSOC LTD, HARDY-75-2

FRACTURE POROSITY

TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

FREEBORN, W D

TEXACO PERMAFROST DENSITY LOGGING RPT, L P OCONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972, MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564

FREEZE-UP DATES

ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7

FREEZING

DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M FELDMAN, PROTSESSY TEPLA I MASSOGBMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777
DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
FREEZING OF PEATLAND, R J BROWN, G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, DECEMBER 1972, TECH PAPER 381
MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERAK E-41, TUX PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130

FREEZING

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRYOLOGY, BY N I SALTYKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTYKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTYKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIALY FROZEN GROUND AND VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE, PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968
SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297

FREEZING POINT

DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS DIV, DECEMBER 1973, EPR.43PR.73

FREEZING TESTS

MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19, 20, 1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972

FROST

FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAJSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021

FROST ACTION

BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T BALOBAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATION FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRD BULLETIN 111
FROST CRACKS, FROST FISSURES AND RELATED POLYGONS, LIT SUMMARY, BY J DYLIK, G C MAARLEVELD MEDEDELINGEN GEOL STICHTING NIEUWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686
GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY O C BAPTIST, U.S BUREAU OF MINES R I 5642, 1960
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P

FROST ACTION

- PRINCIPLES OF GEOCRIOLOGY...PT 1-GENERAL GEOCRIOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- PRINCIPLES OF GEOCRIOLOGY...PT 1-GENERAL GEOCRIOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1219
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
- SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV TURBOPROVODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.545, E 1357, TN879.5W5

FROST CRACKS

- FROST CRACKS, FROST FISSURES AND RELATED POLYGONS, LIT SUMMARY, BY J DYLIK, G C MAARLEVELD MEDEDELINGEN GEOL STICHTING NIEVWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686
- GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3

FROST HEAVING

- ADFREEZING AND FROST HEAVING OF FOUNDATIONS, E PENNER, K N BURN, CANADIAN BLDG DIGEST, N R C DIV OF BLDG RES, OTTAWA, AUG, 1970, NO 128
- CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
- DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M FELDMAN, PROTSESSY TEPLD I MASSOGBMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777
- DIKES ON PERMAFROST, PREDICTING THAW AND SETTLEMENT, BY W G BROWN, G H JOHNSTON, NAT RESEARCH COUNCIL, OTTAWA, 1970, DIV OF BUILDING RESEARCH, RES PAPER NO 451
- FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
- ICE DISTRIBUTION IN PERMAFROST PROFILES, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA 1968, DIV OF BUILDING RESEARCH PAPER 371
- MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
- MEASUREMENT OF FROST HEAVING FORCES ON PILES, F E CRORY AND R E REED, U S ARMY COLD REGIONS RESEARCH AND ENG LAB, OCTOBER 1965, TECHNICAL REPORT 145, AD 484 955
- MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648
- MECHANISM OF FROZEN GROUND, N A TSYTOVICH, G K SWINZOW, EDITORS, TRANSLATED FROM RUSSIAN, MCGRAW-HILL, 1975, TA713T8
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PERMAFROST AND FOUNDATIONS, G H JOHNSTON, CANADIAN BLDG DIGEST, N R C-DIV OF BLDG RES, OTTAWA APRIL 1965, CANADIAN BLDG DIG NO 64
- PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY D J FERRIANS ET AL, 1969 U S GEOL SURVEY PROFESSIONAL PAPER 678
- PRINCIPLES OF GEOCRIOLOGY...PT 1-GENERAL GEOCRIOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRIOLOGY, BY N I SALTYKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239

FROST HEAVING

PRINCIPLES OF GEOCRIOLOGY, PART 2-ENGINEERING GEOCRIOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTYKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963

FROST PENETRATION

CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M FELDMAN, PROTSSESSY TEPLA I MASSOGBMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777
MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
PRINCIPLES OF GEOCRIOLOGY...PT 1-GENERAL GEOCRIOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121

FROST PERIOD

PRINCIPLES OF GEOCRIOLOGY...PT 1-GENERAL GEOCRIOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121

FROST SUSCEPTIBILITY

THERMAL EROSION PROBLEMS IN PIPELINING, BY T G WATMORE, I O L PROD DEPT, MS REL TO OIL INDUSTRIES, PREPRINT NO 648

FROZEN GROUND

ADFREEZING AND FROST HEAVING OF FOUNDATIONS, E PENNER, K N BURN, CANADIAN BLDG DIGEST, N R C DIV OF BLDG RES, OTTAWA, AUG, 1970, NO 128
ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING COMMAND, JUNE 1974, AD 782 580
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR. FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, VOL 28 PART 1, U S ARMY COLD REGIONS RES AND ENGINEERING LAB, JULY 1974, CRREL RPT 12
BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH RPT 266
CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T BALOBAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB, AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION SERVICE, FEB 1972, P BOX 2590
CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMAN, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81
CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB HANOVER, N H, JULY 1974, TECH RPT 252
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578

FROZEN GROUND

DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL & FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2

ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY
DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065

EXCAVATIONS IN FROZEN GROUND - CRITICAL DEPTH SHOTS - 100 AND 50 LB - IN FORT CHURCHILL TILL
R BENERT, U S ARMY COLD REGIONS RESEARCH LAB, JAN 1961, TECH REPT 79, AD652,715

EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY
R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109

FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV,
N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257

FUNDAMENTAL CONCEPTS FOR THE RAPID DISENGAGEMENT OF FROZEN SOIL, PHASE 1, FOSTER-MILLER ASSOC
INC FOR U S ARMY, CORPS OF ENG, COLD REGIONS RES+ENG LAB, HANOVER, MAY 1973, CRREL TR 233

GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY
W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163

HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY
OF FROZEN ZONES OF EARTH'S CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN

HYDROLOGIC EFFECTS OF FROZEN GROUND, LITERATURE REVIEW + SYNTHESIS, S L DINGMAN, U S ARMY
COLD REGIONS RESEARCH + ENG LAB, MAR 1975, SPECIAL REPORT 218

INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298

INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE,
RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JAN, 1972, CRREL TRANSL TL 291

INTERIM REPORT ON LOAD TESTS OF PILES IN PERMAFROST, K A LINELL, U S ARMY ARCTIC CONSTRUCTION
AND FROST EFFECTS LAB, BOSTON, 1954, AD712 568, TECH REPT 58

INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL,
U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694,120

INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972
IPRCR-9MGP-72

INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY
COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245

MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTH'S CRUST, PT 1-4, THERMO-TECHNICAL
CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI O MERZLYCH.. TRANSL R-118

MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648

MECHANISM OF FROZEN GROUND, N A TSYTOVICH, G K SWINZOW, EDITORS, TRANSLATED FROM RUSSIAN,
MCGRAW-HILL, 1975, TA713T8

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

NORTH AMERICAN CONTRIBUTION, PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK, U S S R, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, TA71016

PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T, L. PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY
P BOX 1996

PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD
REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 319

PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS,
A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CRREL REPORT 76-8

PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287

PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL
PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157

PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF
SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121

PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267

FROZEN GROUND

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
 PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
 PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, -FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
 PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1215
 PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
 PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIALY FROZEN GROUND AND VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
 PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION....BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
 PRINCIPLES OF MECHANICS OF FROZEN GROUND, N A TSYTOVICH, M I SUMGIN, U S ARMY CORPS OF ENGIN SNOW ICE + PERMAFROST RESEARCH EST, WILMETTE ILL, APRIL, 1959, TRANSLATION 19
 PROCEEDINGS OF A SEMINAR ON THERMAL REGIME AND MEASUREMENTS IN PERMAFROST 2 AND 3 MAY 1972 NATIONAL RESEARCH COUNCIL OF CANADA, OCTOBER 1973, TECHNICAL MEMORANDUM NO 108
 PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
 PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
 RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2
 SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
 SETTLING OF THAWING GROUND, V F ZHUKOV, U S ARMY COLD REGIONS RES AND ENG LAB, JULY 1972 AD748 157, DRAFT TRANSLATION 355
 SHEAR STRENGTH OF FROZEN GROUNDS AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAIA, TRANSLATED FROM IZD-VO AKAD NAUK SSSR, P 3-108, 1963 FOR CRREL, 1965, AD 715,091 CRREL TL 115
 TRIAXIAL CONSTANT STRAIN RATE TESTS AND TRIAXIAL CREEP TESTS ON FROZEN OTTAWA SANDS, FRANCIS H SAYLES, AUGUST 1974 CRREL TECH REPT 253

FROZEN SAMPLES

THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568

FROZEN ZONE

DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
 DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
 PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
 SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016

FRYER, M W

THERMAL CONTRACTION CRACKING IN ARCTIC SOILS - A MODEL STUDY FINAL REPORT, INSTITUTE OF ARCTIC ENVIRON ENG, UNIV OF ALASKA, JULY 1969, TRANS ALASKAN PIPELINE PROJECT, E 2139

FURRER, G

TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657

G S C

EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
 GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
 GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39

G S C

GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967

MERCURY IN PERMAFROST REGIONS, OCCURRENCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT
E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43
PERMAFROST IN THE MACKENZIE DELTA, NORTHWEST TERRITORIES, M W SMITH, GEOLOGICAL SURVEY OF
CANADA, 1976, E3083, G S C PAPER 75-28

PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO,
BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138

SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A
HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
STUDY OF FROZEN SEABED MATERIALS IN SOUTHERN BEAUFORT SEA, J A HUNTER ET AL, G S C, BEAUFORT
SEA PROJECT INTERIM REPORT #1, DEC 1974, E02494

SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY
BULLETIN 106, 1964

GAMMA RAY LOGS

TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

GARRETT, R L

NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS
DIV, DECEMBER 1973, EPR.43PR.73

GARRY ISLAND, N W T

GEO MORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3

GAS HYDRATES

CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND
EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73
GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-
SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZ, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
HYDRATE FORMATION IN PERMAFROST GAS STRATUM, Y F MAKOGON, TRANSL FROM GAZ PROM NO 5, 1965,
RUSSIAN TRANSL R-314

PARTICULARITIES IN CALCULATION OF GAS RESERVES FOR GAS FIELDS IN PERMAFROST REGIONS, BY Y F
MAKOGON, FROM NAUCH TEKH SB SER-GAZ DELO NO 7/VI, 1965, RUSSIAN TRANSL R-329

RECOGNITION OF NATURALLY OCCURRING GAS HYDRATES IN ARCTIC NORTH AMERICA, J W MULHOLLAND
EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.31EX.75

THAWING OF THE PERMAFROST AROUND AN OPERATING WELL, BY B A KRASOVITSKII, TRANSL FROM IZV
VYSSH UCHEB ZAVEDENII NEFT GAZ, NO 9, 1970, RUSSIAN TRANSL R-307

THE EFFECTS OF PERMAFROST, GAS HYDRATES AND PAST CLIMATIC REGIMES ON GEOTHERMAL GRADIENTS, BY
W J SANDERSON, I O L EDMONTON NORTH EXPL DIST, MARCH 1971, IPRNWT-2MG-71

THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-
TEKH SB SER GAZOVDE DELO, NO 7, 1970, RUSSIAN TRANSL R-305

WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND
SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75

GAS OIL RATIO

PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71

GAS PIPELINES

SOLUTION OF ENGINEERING PROBLEMS OF THE TAZOVSKOE-NORILSK GAS PIPELINE, BY V V SPIRIDONOV,
STROIT TRUBOPROVODOV 9 NO 10 3-6 1964, TRANSL A T S RJ-5778

SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTVO
TURBOPPOVODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
TAZOVSKOE-NORILSK GAS LINE - THE WORLD'S NORTHERN MOST GAS TRUNK LINE, BAONOVSKI, A K
TRANSL FROM STROITELSTVO TRUBOPROVODOV, NO 8, AUG 1964, 6-8 P, TRANSL R-101

GAS PRODUCTION

CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION
RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73

- GAS PRODUCTION PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN, NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
- GAS RESERVOIRS GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- GAS SATURATION TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967
- GAS WELL SIMULATORS CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
- GAS WELLS AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAW IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-84ME-72
MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406
TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76
- GAS WELLS, N W T CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
- GELL, A W ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, A W GELL, MA THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, QH100G3
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, TA710G3
- GENERAL ELECTRIC CO TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT
GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104
- GEOCHEMICAL ANOMALIES INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- GEOCHEMICAL PROSPECTING GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- GEOCHEMICAL SURVEYS INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- GEOCHEMICAL TECHNIQUES EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- GEODESY ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
- GEOGRAPHY ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
SOVIET GEOGRAPHY, REVIEW AND TRANSLATION, JUNE 1970, AMERICAN GEOGRAPHICAL SOCIETY, TRANSL R-233

GEOLOGICAL ASSOC OF CANADA

GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1

GEOLOGICAL MAPS

EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO, BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138

GEOLOGICAL RECONNAISSANCE

GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964

GEOLOGICAL RESEARCH

ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH & SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576A7

GEOLOGICAL STRUCTURE

BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252
GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, M/MC-8
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199
PRINCIPLES OF GEOCRYOLOGY... PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59

GEOLOGY

ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILL, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.
ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666
ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241

GEOMAGNETISM

ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8

GEOMORPHOLOGY

ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILL, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.
ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA, RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631

GEOMORPHOLOGY

- AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1,
HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
- GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY,
JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
- GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION
A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, QE615
- MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
- PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T, L, PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY
P BOX 1996
- PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL
PAPER 482, 1965
- PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN
WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
- SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY
BULLETIN 106, 1964
- TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL
FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322

GEOPHYSICAL RESEARCH

- ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH & SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC
AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576A7

GEOPHYSICAL SURVEY SYSTEMS INC

- CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L
BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FOR U S OFFICE OF NAVAL RES, MAY 1972, AD772549
- DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTRO
MAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S OFFICE OF NAVAL RES, APR 1972, AD770902

GEOPHYSICAL SURVEYING

- BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY
G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252
- CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
- ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
- INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972
IPRCR-9MGP-72

GEOPHYSICAL SURVEYS

- PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M
BROSKE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5

GEOPHYSICS

- ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.

GEOTERPEX LTD

- PROPOSAL FOR A STUDY OF THE GEOMETRY STRUCTURE AND DISTRIBUTION OF PERMAFROST BY ELECTRICAL
PROSPECTING METHODS, GEOTERPEX LTD, OTTAWA, OCT 1971, GEOTERPEX-71-1

GEOHERMAL GRADIENT

DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
THAWING OF THE PERMAFROST AROUND AN OPERATING WELL, BY B A KRASOVITSKII, TRANSL FROM IZV VYSSH UCHEB ZAVEDENII NEFT GAZ, NO 9, 1970, RUSSIAN TRANSL R-307
THE EFFECTS OF PERMAFROST, GAS HYDRATES AND PAST CLIMATIC REGIMES ON GEOHERMAL GRADIENTS, BY W J SANDERSON, I O L EDMONTON NORTH EXPL DIST, MARCH 1971, IPRNWT-2MG-71
THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-TEKH SB SER GAZOVOE DELO, NO 7, 1970, RUSSIAN TRANSL R-305

GEOHERMAL SURVEYING

CANADIAN GEOHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOHERMAL SERIES 1
CANADIAN GEOHERMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, 1975, GEOHERMAL SERIES NO 3
DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLOC RES, OTTAWA, 1973, TECH PAPER 388
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUCEC, L W WHITMER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73

GERASIMOV, I P

EARTHS PERMAFROST BEDS, N A GRAVE, PERMAFROST AND ANCIENT GLACIATION, I P GERASIMOV, DEFENCE RESEARCH BOARD T499R, JULY 1968, P BOX 2475

GERDEL, R W

CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB, AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A

GHOSH, M K

REPORT ON CO-SPONSORED PERMAFROST TEST SURVEY IN ARCTIC ISL + MACKENZIE DELTA USING GEOPROBE EMR-14 EM SYSTEM, M K GHOSH, P G HALLOF, MCPHAR GEOPHYSICS COMPANY, JULY 1974, MCPHAR-74-1

GINSBURY, G D

GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATJRES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422

GLACIAL DEPOSITS

GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO, BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138

GLACIAL DRIFT

SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD
U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964

GLACIAL FEATURES

LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREO SCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED J D MOLLARD, REGINA, 1974, TA593M7
PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS, MONTREAL, 1969, QE697P3
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD
U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964

GLACIAL LAKES

PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5

GLACIAL MAPS

PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965

GLACIATION

EARTHS PERMAFROST BEDS, N A GRAVE, PERMAFROST AND ANCIENT GLACIATION, I P GERASIMOV,
DEFENCE RESEARCH BOARD T499R, JULY 1968, P BOX 2475
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION
A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, QE615
MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-23, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN
DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, IT-1130

GLACIERS

PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL
PAPER 482, 1965
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5

GLACIOLOGY

ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY,
JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, A W GELL, MA THESIS, UNIVERSITY OF BRITISH
COLUMBIA, AUGUST 1973, QH100G3
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH
COLUMBIA, AUGUST 1973, TA710G3
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, IT-1130
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO,
BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 139
SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD
U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964

GLASS, D J

GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1

GLOSSARIES

PERMAFROST TERMINOLOGY, R J E BROWN AND W O KUPSCH, NATIONAL RESEARCH COUNCIL OF CANADA, DEC
1974, TECHNICAL MEMORANDUM NO 111

GOLD, L W

THERMAL EFFECTS IN PERMAFROST, L W GOLD ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING
RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376

- GILDER, SPIKE FREDERICK ALTA CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N W KLUJEC, I O L PROD RESEARCH & TECH SERVICES
DEPT, JUNE, 1972, IPRC-4WE-92
- GILDER, HANWICK AND ASSOCIATES 1970 BRITISH COLUMBIA AND ALBERTA, SOUTH COAST OF BEAUFORT SEA, MACKENZIE DELTA TO LIVERPOOL BASIN
REPORT TO THE OIL & GAS RESEARCH BOARD, JULY 1970, OIL-2-10-10-1
- GILDERMAN, M A MULTIPHASE WELL SENSITIVITY EFFECTS ON TRANSMISSION COEFFICIENTS, STRAIN RATE DEPENDENCE, & FLOW CHARACTERISTICS
ET AL, EXXON RESEARCH & DEVELOPMENT CO, OILFIELD OPERATIONS DIVISION, NOV 1970, EXXON-1000-78
- GILDERMAN, L E THERMAL EFFECTS IN PERMAFROST, L W GILDER ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING
RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376
- GILLES, A DEEP CORE DRILLING IN ICE, AND STATIONS, ANTARCTICA, BY R W PATTERSON, E W MARSHALL, & G W
U S ARMY CORP RESEARCH, SYMPOSIUM ON PERMAFROST, 1962, ARMY CORP TECH REP NO
- GRABIN PROPERTIES THERMAL CONDUCTION TESTS ON UNIDIRECTIONAL FINE-GRAINED PERMAFROST, J F LIXON, N R MORSE, & R
DIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, 1968, PAPER 920
- GRABIN SIDE DISTRIBUTION PERMAFROST INVESTIGATIONS AT AKLAVIK EXPLORATION AND PRODUCTION, J A BULMASON, N
JUNCTION, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 24, OTTAWA, JAN 1974
- GRABIN, J W PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S Q CORP, C & C, CHAMBERLAIN,
J W GRABIN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES PAPER 24, 1974
- GRAPHIC SOLUTIONS GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY
W O BROWN, NATIONAL RES COUNCIL, OTTAWA, 1968, DIV OF BUILDING RES, TECHNICAL PAPER 143
THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST HEATED BY HEATED BUILDINGS, BY A H LACHON, & R
U S GOVT PRINTING OFFICE, WASH, 1967, URS QUALIFIN 1072-3
- GRAVE, N A EARTH PERMAFROST BEDS, N A GRAVE, PERMAFROST AND ANCIENT GLACIATION, I P GERASIMOV,
DEFENCE RESEARCH BOARD T499R, JULY 1968, P BOX 2475
- GRAVEL SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION
RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR-176-74
- GRAVEL PADS FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM
WOODWARD-CLIFTON & ASSOC FOR ALASKA PIPELINE SERVICE COMPANY, 1972, R&D 142-157
INUVIK HANGAR INSTRUMENTATION OF A SURFLOOR LAGOON OVER PERMAFROST, L W WATHER, PROD RES & TECH
SERV LAB, APRIL 1974, CALGARY, ALTA, IPRC-84-74
- REPORT ON GEOTECHNICAL RECOMMENDATIONS AND DESIGN CRITERIA, FOR BEAUFORT GAS PROJECT IMPERIAL
OIL LIMITED TAGU N N T, PREPARED FOR PLATA CANADA LTD, R N HARRIS & ASSOC LTD, HARRIS-75-2
- GRAVITY ANOMALIES GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D ALKEN & J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QEL76Q1
STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASON, MAXIMUM
DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1963, P BOX 2474
- GRAVITY DATA SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY
J R WOOLSON, PT 4, GEOPHYSICS, U S G S PROFESSIONAL PAPER 304-A, WASHINGTON, 1962.
- GRAVITY LOGGING EXPERIMENTAL GRAVIMETER INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA & TUK PENINSULA, E T CONNOLLY, IOLEXP RES & SERV DEPT, NOV 1972, IPRC-35-72
- GRAVITY SURVEYS SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY
J R WOOLSON, PT 4, GEOPHYSICS, U S G S PROFESSIONAL PAPER 304-A, WASHINGTON, 1962.

- GRAY, D M EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961
- GREAT SLAVE LAKE AREA, N W T PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
- GREEBE, F GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE,
MVPLRL, 72, MVPL FEAS STUDY, 72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567
THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568
- GREENE, G W PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY O J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
- GREENLAND GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY,
JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- GREENS FUNCTION THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH,
U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B
- GRIGOREV, N F ROLE OF CENOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI
USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255
- GRIGORYEV, N F FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV,
N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257
- GROUND CONNECTIONS GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT
TRANSLATION, NAUKA, 1959, P172-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221
- GROUND ICE DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE II, BY USSR
ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTRO
MAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S OFFICE OF NAVAL RES, APR 1972, AD770902
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAG
NETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
NORTH AMERICAN CONTRIBUTION, PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK, U S S R, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, TA71016
PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T. L. PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY
P BOX 1996
PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN
DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL
PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING,
FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69

GROUND ICE

SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3,
TA71016

GROUND TEMPERATURES

BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY
G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY
STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CROORY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA
LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
COMPACT SELF-CONTAINED GROUND TEMPERATURE RECORDER, BY G H JOHNSTON, NATIONAL RESEARCH
COUNCIL OF CANADA, DIV OF BUILDING RESEARCH, OTTAWA, NOV 1966, TECH PAPER NO 238
COMPARISON OF OBSERVED AND CALCULATED GROUND TEMPERATURES WITH PERMAFROST DISTRIBUTION UNDER
A NORTHERN LAKE, BY BROWN, W G, ET AL, N R C OTTAWA, 1964, DIV BUILDING RES, TECH PAPER NO 186
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE II, BY USSR
ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M
FELDMAN, PROTSESSY TEPL I MASSOGBMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777
DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD
AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH
AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY
R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D
THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TA710565
FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH
COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRD BULLETIN 111
GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, OE196N7K3
GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY
W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, IOL ARCTIC COORDINATION,
PARTS A AND B, IPRC-7ME-70
INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H
LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959
PERMAFROST AND FOUNDATIONS, G H JOHNSTON, CANADIAN BLDG DIGEST, N R C-DIV OF BLDG RES, OTTAWA
APRIL 1965, CANADIAN BLDG DIG NO 64
PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN
DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBRUCHEV INST OF PERMAFROST STUDIES, NATL RES COUN
CAN-DIV OF BLDG RES, OTTAWA, 1959, TECH TRANS 1358
PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION, RES AND INSTRUMENTATION, BY
G H JOHNSTON, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BUILDING RES, TECH PAPER NO 178, MAR 1965
PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT
CALGARY, JUNE 1966, REPORT NO IPRT-4M1-65
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES
OF CONTROLLING INTERACTION...BY G V POKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249

GROUND TEMPERATURES

- PRINCIPLES OF GEOCRLOGY...PT 2-ENGINEERING GEOCRLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
- PRINCIPLES OF GEOCRLOGY...PT 2-ENGINEERING GEOCRLOGY, CHAPT 1-PRINCIPLE ASPECTS OF
ENGINEERING GEOCRLOGY -PERMAFROST STUDIES- BY N I SALTYSOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
- PROCEEDINGS OF A SEMINAR ON THERMAL REGIME AND MEASUREMENTS IN PERMAFROST 2 AND 3 MAY 1972
NATIONAL RESEARCH COUNCIL OF CANADA, OCTOBER 1973, TECHNICAL MEMORANDUM NO 108
- PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-
LINE RESEARCH PROJECT 483, BY T G WATMORE, I D L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70
- REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH +
ENGG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
- REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG
LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
- REPORT ON PERMAFROST SURVEYING MANCHURIA, 1943, U NAKAYA, J SUGAYA, NATIONAL RESEARCH COUNCIL
OF CANADA TECHNICAL TRANSLATION TT-382, 1953
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS,
TA71016
- SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA, N W T, CANADA, BY
G H JOHNSTON, R J E BROWN, NATIONAL RESEARCH COUNCIL CAN, DIV BUILDING RES, RES PAPER 233, NOV 1964
- SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN
WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
- THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH,
U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B

GROUNDWATER

- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE II, BY USSR
ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
- GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND
ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
- GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
- GROUNDWATER IN PERMAFROST REGIONS - AN ANNOTATED BIBLIOGRAPHY, BY J R WILLIAMS, U S G S
WATER-SUPPLY PAPER 1792, WASHINGTON, 1965
- HYDROLOGIC EFFECTS OF FROZEN GROUND, LITERATURE REVIEW + SYNTHESIS, S L DINGMAN, U S ARMY
COLD REGIONS RESEARCH + ENGIN LAB, MAR 1975, SPECIAL REPORT 218
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- NORTH AMERICAN CONTRIBUTION, PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK, U S S R, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, TA71016
- PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T.L. PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY
P BOX 1996
- PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
- PRINCIPLES OF GEOCRLOGY...PT 1-GENERAL GEOCRLOGY, CHAPT 10-GROUND WATER IN PERMAFROST
AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967

GROUNDWATER CHEMISTRY

- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R
ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
- GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND
ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39

- GROUNDWATER FLOW ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
- 1 GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
- GROUNDWATER STUDIES PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- GUBIK FM GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
- GUIDE BOOKS GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, QE615
- GULF OIL CO MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406
- GUNN, W W COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
- HAINES, D CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB HANOVER, N H, JULY 1974, TECH RPT 252
- HALLOF, P G REPORT ON CO-SPONSORED PERMAFROST TEST SURVEY IN ARCTIC ISL + MACKENZIE DELTA USING GEOPROBE EMR-14 EM SYSTEM, M K GHOSH, P G HALLOF, MCPHAR GEOPHYSICS COMPANY, JULY 1974, MCPHAR-74-1
- HAMILTON, J J DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZDZUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- HARDY R M + ASSOCIATES LTD NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
- HARDY, R M AND ASSOCIATES LTD CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
- REPORT ON GEOTECHNICAL RECOMMENDATIONS AND DESIGN CRITERIA, FOR BEAUFORT GAS PROJECT IMPERIAL OIL LIMITED TAGLU N W T, PREPARED FOR FLUOR CANADA LTD, R M HARDY + ASSOC LTD, HARDY-75-2
- HARE INDIAN FM PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON, NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- HARE, F K TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NO 755, M/R-4
- HARLAN, R L HYDROGEOLOGICAL CONSIDERATIONS IN NORTHERN PIPELINE DEVELOPMENT, R L HARLAN, TASK FORCE ON NORTHERN OIL DEVELOPMENT, OTTAWA, NOV 1974, E2680, RPT 74-26
- HART RIVER FM GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- HARTMAN, C W ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7

- HAZEN LAKE AREA, ELLESMERE IS RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO, BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138
- HEALTH ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8
- HEAT BALANCES MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648
- SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR-1PR.74
- HEAT CONDUCTION APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
- DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
- DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
- FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL.72, MVPL FEAS STUDY.72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-4, E 1566
- FUNDAMENTAL CONCEPTS FOR THE RAPID DISENGAGEMENT OF FROZEN SOIL, PHASE 1, FOSTER-MILLER ASSOC INC FOR U S ARMY, CORPS OF ENG, COLD REGIONS RES+ENG LAB, HANOVER, MAY 1973, CRREL TR 233
- GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE, MVPLRL.72, MVPL FEAS STUDY.72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567
- HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970
- USGS MISC
- INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580
- INTERIM REPORT ON THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN AND THAWED PERMAFROST FROM THE INUVIK AREA FOR MACKENZIE VALLEY PL RES, NATIONAL RESEARCH COUNCIL CAN, 1972
- INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL.72, MVPL FEAS STUDY.72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-3, E 1565
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
- YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT CALGARY, JULY 1970, IPRC-11MIR-70
- THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB STUDY.72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STAT+TERM, COMMUN, RPT 18-6, E1568
- THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4
- THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH, U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B
- HEAT CONVECTION PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-096
- PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION....BY V P BAKAKIN, S V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- HEAT EXCHANGE CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T BALOBAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
- HEAT EXCHANGE BETWEEN PERMAFROST+THE ATMOSPHERE IN THE PRESENCE OF A VEGETATION COVER, V BAL OBAEV, NATL RES COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, 1973, N R C TECH TRANS 1670
- PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIAL FROZEN GROUND AND VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
- PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103

HEAT EXCHANGE

REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH + ENGG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG, LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016
SURFACE HEAT EXCHANGE AND PERMAFROST, G P WILLIAMS, NATIONAL RESEARCH COUNCIL CAN, ASSOCIATE COMMITTEE ON GEOTECHNICAL RESEARCH, 1971, N R C TM 103 18-12

HEAT FLOW

DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249

HEAT LOSS

HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTHS CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221

HEAT MEASUREMENTS

HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTHS CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN

HEAT SINKS

PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-096

HEAT TRANSFER

ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T BALOBAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL, NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516
PRETHAWING FOR FOUNDATIONS IN PERMAFROST, R F REUSS, PAPER PREPARED FOR ASCE JOURNAL OF SOIL MECHANICS + FOUND DIV, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-115

HEAT TRANSFER

- PRINCIPLES OF GEOCRIOLOGY...PT 1-GENERAL GEOCRIOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- PRINCIPLES OF GEOCRIOLOGY...PT 1-GENERAL GEOCRIOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BAKANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 10-USE OF ICE, SNOW, AND FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KKYLOV, MOSCOW, 1959, NRC, TT-1267
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRIOLOGY, BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRIOLOGY -PERMAFROST STUDIES- BY N I SALTUKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
- PRINCIPLES OF GEOCRIOLOGY, PART 2-ENGINEERING GEOCRIOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- PRINCIPLES OF GEOCRIOLOGY, PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
- SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
- STABILIZATION OF SOILS + STRUCTURES BY PASSIVE HEAT TRANSFER DEVICES, E D WATERS, PRESENTED AT AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 11-15, 1973, AICHE PRENT NO 4980
- SYSTEM FOR PROTECTING PERMAFROST FROM THE THERMAL EFFECTS OF A HOT PIPELINE, DOW CHEMICAL CO ALYESKA PIPELINE SERVICE COMPANY, UNDATED, PLR 142-090
- THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820

HEAT TRANSFER COEFFICIENTS

- PRINCIPLES OF GEOCRIOLOGY...PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
- STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970

HEATED FLUID

- MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2

HEATERS

- STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970

HEATING METHODS

- BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
- DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC TECHNICAL PUB HOUSE OF OIL&FUEL LIT, Leningrad, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2
- PREFABRICATIUN IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960

HEATING SYSTEMS

- ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984

HEAVING PRESSURES

- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
- MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUX PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73
- MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE

HEAVING PRESSURES

PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF "ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTYKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963

HEGINBOTTOM, J A

SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16

HELLEBUST, J A

OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVEL, JAN 1974, E2118, RPT 73-43

HEMSTOCK, R A

OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IOL, CALGARY 1953, HC117H3
PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT CALGARY, JUNE 1966, REPORT NO IPRT-4MI-66
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NO 755, M/R-4

HERNANDEZ, H

SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3

HERSCHEL ISLAND

HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

HIGH TEMP DRILLING FLUIDS

CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV TRANSLATED FROM NEFTYANOE KHOZYAYSTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113

HIGHWAY INSULATION

DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATION FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057

HIGHWAY RESEARCH BOARD

FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRD BULLETIN 111

HIRONAKA, M C

ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING COMMAND, JUNE 1974, AD 782 580

HISTORICAL GEOLOGY

PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60685

HISTORY

EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.

HOEKSTRA, P

AIRBORNE RESISTIVITY MAPPING OF PERMAFROST NEAR FAIRBANKS, ALASKA, P HOEKSTRA, ET AL, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, SEPT 1974, RESEARCH REPORT 324

- HEAVING PRESSURES
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF
ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTYSKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
- TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963
- HEGINBOTTOM, J A
SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A
HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
- HELLEBUST, J A
OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL
SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVEL, JAN 1974, E2118, RPT 73-43
- HEMSTOCK, R A
OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND
TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IOL, CALGARY 1953,
HC117H3
- PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
- PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT
CALGARY, JUNE 1966, REPORT NO IPRT-4M1-66
- ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION
RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
- TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L
WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, M/R-4
- HERNANDEZ, H
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T
H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
- HERSCHEL ISLAND
HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- HIGH TEMP DRILLING FLUIDS
CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
- HIGHWAY INSULATION
DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATN
FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
- INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP
FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057
- HIGHWAY RESEARCH BOARD
FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH
COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRD BULLETIN 111
- HIRONAKA, M C
ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING
COMMAND, JUNE 1974, AD 782 580
- HISTORICAL GEOLOGY
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60685
- HISTORY
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1,
HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
- HOEKSTRA, P
AIRBORNE RESISTIVITY MAPPING OF PERMAFROST NEAR FAIRBANKS, ALASKA, P HOEKSTRA, ET AL, U S
ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, SEPT 1974, RESEARCH REPORT 324

- HORN BROOK, E H W GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
- MERCURY IN PERMAFROST REGIONS, OCCURRENCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT
E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43
- HORTON RIVER AREA, N W T HERSHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- HOT FLUID INJECTION NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
- HOT OIL ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS
EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005
- HOT PIPE HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970
USGS MISC
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-096
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV SPECIAL REPORT, MARCH 1, 1973, EPR-10PR.73
SOME ESTIMATES OF THE THERMAL EFFECTS OF A HEATED PIPELINE IN PERMAFROST, A H LACHENBRUCH, U S GEOLOGICAL SURVEY CIRCULAR 632
SYSTEM FOR PROTECTING PERMAFROST FROM THE THERMAL EFFECTS OF A HOT PIPELINE, DOW CHEMICAL CO ALYESKA PIPELINE SERVICE COMPANY, UNDATED, PLR 142-090
- HOT WATER LAKES HOT LAKES IN PERMAFROST, A S FOMICHEV, PRIRODA NO 4, 1969, RUSSIA TRANSLATION R-230
- HOVERCRAFT TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555
- HOYER, W A EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY MAY 1, 1975, EPR.6PR.75
- HUCK, R W VIBRATORY PILE DRIVING AND CORING IN PERMAFROST, R W HUCK, U S ARMY CRREL, HANOVER N H, NOV, 1969, TECHNICAL NOTE 69-1
- HUDSON BAY AREA GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, QE615
- HUDSON BAY LOWLANDS PERMAFROST-DISTRIBUTION AND RELATION TO ENVIRONMENTAL FACTORS IN THE HUDSON BAY LOWLAND, R J E BROWN, NATIONAL RESEARCH COUNCIL, CANADA, 1973, NRC RES PAPER 576
- HUDSON BAY RAILROAD PERMAFROST ASPECTS OF HUDSON BAY RAILROAD, BY J L CHARLES, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLOC. RES, TECHNICAL PAPER NO 94, OTTAWA, 1960, 11P

- HUGHES, D L SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY D L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964
- HUME RIVER AREA, N W T LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
- HUMMOCKS GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, 2E196N7K3
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016
- SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTI, J ROSS MACKAY CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
- HUNTER, J A STUDY OF FROZEN SEABED MATERIALS IN SOUTHERN BEAUFORT SEA, J A HUNTER ET AL, G S C, BEAUFORT SEA PROJECT INTERIM REPORT F1, DEC 1974, E02494
- HUNTER, J A M PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, BSP-22
- HUTCHINSON, T C OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVEL, JAN 1974, E2118, RPT 73-43
- HYDRATE CONTROL HYDRATE FORMATION IN PERMAFROST GAS STRATUM, Y F MAKOGON, TRANSL FROM GAZ PROM NO 5, 1965, RUSSIAN TRANSL R-314
- PARTICULARITIES IN CALCULATION OF GAS RESERVES FOR GAS FIELDS IN PERMAFROST REGIONS, BY Y F MAKOGON, FROM NAUCH TEKH SB SER-GAZ DELO NO 7/VI, 1965, RUSSIAN TRANSL R-329
- THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-TEKH SB SER GAZDOVE DELO, NO 7, 1970, RUSSIAN TRANSL R-305
- HYDRATE FORMATION CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73
- GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- RECOGNITION OF NATURALLY OCCURRING GAS HYDRATES IN ARCTIC NORTH AMERICA, J W MULHOLLAND EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.31EX.75
- HYDRATES PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, BSP-22
- HYDROCARBON PROSPECTS GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPRULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETERMAN, M D MANGUS EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRYS CONCERN FOR THE ENVIRONMENT, AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
- REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-6MG-59
- HYDROCHEMISTRY INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QE515L39

HYDROCHEMISTRY

MERCURY IN PERMAFROST REGIONS, OCCURRENCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT
E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43

HYDROGRAPHIC SURVEYS

ROLE OF PERMAFROST FACTORS IN THE DYNAMICS OF BOTTOM TOPOGRAPHY IN POLAR SEAS, YE V KLYUYEV,
OCEANOLOGY, ACAD SCI, USSR, V 5, NO 5, 1965, P 78-83, RUSSIAN TRANSLATION R-256

HYDROLOGY

APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYM ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND
ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
HYDROLOGIC EFFECTS OF FROZEN GROUND, LITERATURE REVIEW + SYNTHESIS, S L DINGMAN, U S ARMY
COLD REGIONS RESEARCH + ENGIN LAB, MAR 1975, SPECIAL REPORT 218
PERMAFROST HYDROLOGY, CANADIAN NAT'L COMMITTEE, THE INTERNATIONAL HYDROLOGICAL DECADE, PROC
OF WORKSHOP SEMINAR, ENVIRONMENT CANADA, OTTAWA, 1974, TC5C1
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO FORTH ALTA, J MOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294

HYDROSTATIC PRESSURE TESTS

WARM WATER TEST METHOD, ALYESKA PIPELINE SERVICE COMPANY, DECEMBER 9, 1971, PLR 142-017

I A H R

ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEARCH, ICE
SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM
REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516

I N Q U A

PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS,
MONTREAL, 1969, QE697P3

I O E ATERTAK E-41

EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-3S-72

I O E PIKIOLIK M-26

EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-3S-72

I O E TAGLU D-55

EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-3S-72

I O L

MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL
CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406
1970 BOTTOM SAMPLING PROGRAM, SOUTH COAST OF BEAUFORT SEA, MACKENZIE BAY TO LIVERPOOL BAY NWT
REPORT TO IDL BY GOLDER BRAWNER ASSOCIATES, JULY 1970, GOLD-BRAWN-70-1

I O L ARCTIC COORDINATION

GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, IOL ARCTIC COORDINATION,
PARTS A AND B, IPRC-7ME-70

I O L ARCTIC ENGINEERING GROUP

ARCTIC TASK FORCE - PROGRESS REPORT NO 1, BY THE ARCTIC ENGINEERING GROUP, DEVELOPMENT DEPT
I O L PROD DEPT, EDMONTON, AUG 1969, IPRC-21ME-69

I O L CALGARY ENG DEPT

ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT
CALGARY, FEBRUARY 1974, IPRC-4ME-74
FIRST MEETING OF THE CANADA-USSR SUBGROUP EQUIPMENT AND TECHNOLOGY FOR DRILLING IN NORTHERN
AND PERMAFROST AREAS, CALGARY, MARCH 16-20, 1973, AGENDA IN RUSSIAN AND ENGLISH, TN971.2C16P
REFRIGERATED DRILLING FLUID TESTS, BY D E VESCARELLI, I O L CALGARY, ENGDEPT, 1970, IPRC-10ME-70

I O L CALGARY PRODUCTION DEPT

TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76

- I O L EDMONTON DEVEL DEPT OBSERVATIONS OF PART OF THE PIPELINE DITCHING TESTS IN PERMAFROST, FAIRBANKS, ALASKA, BY T G WATMORE, I O L EDMONTON DEVELOP DEPT, MARCH 1969, IPRE-13ME-68
- I O L EDMONTON DIVISION PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69
- I O L EDMONTON NORTH EXPL DIST PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON, NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
THE EFFECTS OF PERMAFROST, GAS HYDRATES AND PAST CLIMATIC REGIMES ON GEOTHERMAL GRADIENTS, BY W J SANDERSON, I O L EDMONTON NORTH EXPL DIST, MARCH 1971, IPRNWT-2MG-71
- I O L EDMONTON PROD DEPT ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74
PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-LINE RESEARCH PROJECT 483, BY T G WATMORE, I O L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70
- I O L EXPL SERV+RES DEPT EXPERIMENTAL RESULTS OF THE ELECTROSEISMIC EFFECT AS A PERMAFROST-THICKNESS MEASUREMENT TECHNIQUE, S A BOYER, GEOPHYSICS RESEARCH DIGEST, VOL 10, NO 1-2, JUNE 1971, P 38-45
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- I O L EXPL TECH SERV+RES DEPT EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-3S-72
- I O L GEOPHYS SERV+RES DEPT INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972
IPRCER-9MGP-72
MAPPING THE BASE OF PERMAFROST BY REFLECTION SEISMIC, W D EVANS, I O L GEOPHYSICAL RES, MAY 1970, IPRCER-28MGP-70
- I O L PROD RES+TECH SERV DEPT AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ANALYSIS OF CASING BUCKLING+SURFACE CASING CEMENT REQUIREMENTS, R H G MILLAR, I O L PROD RES + TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-12ME-74
APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
ARCTIC DEVELOPMENT AND PRODUCTION SYSTEMS, BY N KLJUJEC, A S TELFORD, L W WHITMER, I O L PROD RES+TECH SERV DEPT QUAR PROJECT RPT FEB-APR, 1971 V4 NO 2 23P
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, BY C DUNCAN, I O L PROD RESEARCH AND TECH SERVICES, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 4
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERV DEPT, QUARTERLY PROJECT RPTS, V 2, NO 2, FEB-APR 1969, PAPER NO 5
ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5
ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRAG PROBLEM IN TAGLU PROD WELLS R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUJEC, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-6ME-72
CONSERVATIVE DOWNDRAG ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, DECEMBER 1973, IPRT-28ME-73

I O L PROD RES+TECH SERV DEPT DEEP PERMAFFPOST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH SERV, NOVEMBER 1973, LAB REPORT NO L-60573
DEEP PERMAFFPOST CORING, A PROJECT SUMMARY, VOL 1+2 (2 AT PR+TS ONLY) C C BOMBARDIERI, I O L PROD RES + TECH SERV DEPT, CALGARY, MARCH 1974, IPRT-1ME-74
DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERVICE LAB, CALGARY, AUG-OCT 1969, QUARTERLY PROJECT REPORT, V 2, NO 4, PAPER 5
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
INUVIK HANGAR INSTRUMENTATION OF A SUBFLOOR LAID OVER PERMAFROST, L W WHITMER, PROD RES+TECH SERV LAB, APRIL 1974, CALGARY, ALTA, IPRT-8ME-74
LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUDEC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10
MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUK PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73
OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
PERMAFROST DRILLING WITH REFRIGERATED FLUIDS, BY N M KLJUDEC, L R LIPSETT JR, I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5, NO 1-2, JUNE, 1971 P 11-13
PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT CALGARY, JULY 1970, IPRC-11MIR-70
PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT CALGARY, JUNE 1966, REPORT NO IPRT-4M1-66
PRELIMINARY CASING DOWNDRAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973, LAB REPORT NO L-42273
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE AND W N MCKAY, I O L PROD RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V 4 NO 2 35P
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUDEC, L W WHITMER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73
WELLHEAD AND CONDUCTOR-CASING INTEGRITY, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-15ME-74

I O L SYSTEMS+INFO SERV DEPT GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
PILE FOUNDATIONS IN PERMAFROST - A COMPILATION OF RECENT LITERATURE, BY J S TRUSWELL, I O L SYSTEMS + INFORMATION SERVICES, APRIL 1973, IPRC-7MIR-73
THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESON, I O L SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPRC-9MIR-74

ICE ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING COMMAND, JUNE 1974, AD 782 580
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, VOL 28 PART 1, U S ARMY COLD REGIONS RES AND ENGINEERING LAB, JULY 1974, CRREL RPT 12
CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND, WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOEBAY TO JORTH ALTA, J MOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5

ICE

PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER
R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,725
SNOW, ICE AND PERMAFROST IN MILITARY OPERATIONS, R F FLINT, U S ARMY SNOW, ICE AND PERMAFROST
RESEARCH ESTABLISHMENT, WILMETTE, ILLINOIS, SEPT 1953, CRREL TECH RPT 15
THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESEN, I O L
SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPRC-9MIR-74
TRIAxIAL CONSTANT STRAIN RATE TESTS AND TRIAXIAL CREEP TESTS ON FROZEN OTTAWA SANDS, FRANCIS
H SAYLES, AUGUST 1974 CRREL TECH RPT 253
WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS,
VOL 62 NO 1, MARCH 1972, P 1-22, PRINT 815

ICE ACCRETION

ICE DISTRIBUTION IN PERMAFROST PROFILES, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA
1968, DIV OF BUILDING RESEARCH PAPER 371
WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS,
VOL 62 NO 1, MARCH 1972, P 1-22, PRINT 815

ICE BREAK-UP

ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA,
RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957

ICE CLASSIFICATIONS

SEGREGATED EPIGENETIC ICE AND SLUMPS IN PERMAFROST - MACKENZIE DELTA AREA, N W T, BY
J R MACKAY, GEOGR BR, CANADA DEPT OF MINES + TECH SURVEYS, OTTAWA, 1966, M/MC-5

ICE CONDITIONS

ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY G P
WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957
APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, G8131C1
BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L
BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FOR U S OFFICE OF NAVAL RES, MAY 1972, AD772549
COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH
ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
FOPT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYDC,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957
PALAEOBOTANICAL METHOD IN PREDICTION OF SUB-SURFACE SUMMER ICE CONDITIONS BY NORMAN W
RADFORTH NATL RES COUNCIL, CAN, ASSOCIATE COMM ON SOIL...TECH MEMO 34, MARCH 1955
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953, DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015

- ICE CONDITIONS PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- ICE CONTENT AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-35-72
- ICE CRYSTALLOGRAPHY GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, M/MC-8
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, A W GELL, MA THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, QH100G3
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, TA710G3
- ICE ENGINEERING BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
CHARACTERISTICS OF THE COLD REGIONS, R W CERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB, AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
- ICE FOG ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
- ICE FORECASTING COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
- ICE FORMATION PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016
- ICE LENSES AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
SEGREGATED EPIGENETIC ICE AND SLUMPS IN PERMAFROST - MACKENZIE DELTA AREA, N W T, BY J R MACKAY, GEOR BR, CANADA DEPT OF MINES + TECH SURVEYS, OTTAWA, 1966, M/MC-5
SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297
- ICE PHYSICS ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEARCH, ICE SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016

- ICE PHYSICS SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
- ICE PRESSURE ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEAPCH, ICE SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
- ICE PROPERTIES SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
- ICE RESEARCH ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973,TA710G3
- ICE ROADS GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
- ICE SAMPLING OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM OPERATORS ASSOC, FEB 1972, APOA-72-1
- ICE STRENGTH ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEARCH, ICE SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- ICE STRUCTURES POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516
- ICE SYMPOSIUM, REYKJAVIK ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEARCH, ICE SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516
- ICE THICKNESS FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV, N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257
GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA APEA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-1241R-72
- ICE VEINS PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- ICEBREAKERS TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555
- IMPERIAL FM GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPOULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON, NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- IMPULSE PATTERNS CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FORU S OFFICE OF NAVAL RES, MAY 1972, AD772549

- INDIANS ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666
CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT, OTTAWA, 1971
- INDUCED POLARIZATION METHOD INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
- INDUSTRIAL DEVELOPMENT CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT, OTTAWA, 1971
- INFRARED ANALYSIS NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- INSTITUTE OF ARCTIC ENVIR ENG THERMAL CONTRAITION CRACKING IN ARCTIC SOILS - A MODEL STUDY FINAL REPORT, INSTITUTE OF ARCTIC ENVIRON ENG, UNIV OF ALASKA, JULY 1969, TRANS ALASKAN PIPELINE PROJECT, E 2139
- INSTRUMENTATION INUVIK HANGAR INSTRUMENTATION OF A SUBFLOOR LAID OVER PERMAFROST, L W WHITMER, PROD RES+TECH SERV LAB, APRIL 1974, CALGARY, ALTA, IPRT-8ME-74
- INSTRUMENTS INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
- INSULATION STOPAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- INSULATION MATERIALS DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATN FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
- INTERNATIONAL CONF PERMAFROST NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
NORTH AMERICAN CONTRIBUTION, PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK, U S S R, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, TA71016
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016
- INTERNATIONAL CONF SOIL MECH PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- INTERNATIONAL GEOL CONGR, 24TH GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, QE615
- INTERNATIONAL SYMP ARCTIC GEOL GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- INUVIK TEST FACILITIES INUVIK TEST FACILITY, FINAL REPORT, VOL 1-EXECUTIVE SUMMARY, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 1
INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3

INUVIK TEST FACILITIES

MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS
MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL
FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322

INUVIK, N W T

CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT,
FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67
FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA,
W SLUSARCHUK, MVPLPL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-4, E 1566
GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE,
MVPLRL, 72, MVPL FEAS STUDY, 72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567
GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION
A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, Q6615
INTERIM REPORT ON THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN AND THAWED PERMAFROST FROM THE
INUVIK AREA FOR MACKENZIE VALLEY PL RES, NATIONAL RESEARCH COUNCIL CAN, 1972
INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA,
W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-3, E 1565
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN & SUPPL BY D W BOYD, C,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT
CALGARY, JUNE 1966, REPORT NO IPRT-4M1-66
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69
SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A
HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16

INVADED ZONE

TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

INVESTMENT COSTS

SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE
CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.

IONIC MOBILITY

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

ISAACS, R M

GEOTECHNICAL STUDIES OF PERMAFROST IN THE FORT GOOD HOPE-NORMAN WELLS REGION, NWT, R M ISAACS
CANADA DEPT ENVIRONMENT, TASK FORCE ON NORTHERN OIL DEV, OTTAWA 1974, E02645, RPT 74-16

IVANOV, N S

FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV,
N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257

IVES, J D

TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L
WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, M/R-4

JACOBSEN-MCGILL EXPEDITION

AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9

JOHNS, G E

HIGHWAY SUBSIDENCE FROM PERMAFROST, BY G E JOHNS, A S C E SYMPOSIUM COLD REGIONS ENGINEERING,
UNIVERSITY OF ALASKA, AUG 17-19, 1970, P170-193, TA24A5A6

JOHNSON, P R

ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM
REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, IC516

JOHNSON, R F

SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER
R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,729

JOHNSTON, G H

BENCH MARKS IN PERMAFROST AREAS BY G H JOHNSTON, NATL RESEARCH COUNCIL, CAN, DIV OF BLDG RESEARCH, TECH PAPER 134, FEB 1962
COMPACT SELF-CONTAINED GROUND TEMPERATURE RECORDER, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RESEARCH, OTTAWA, NOV 1966, TECH PAPER NO 238
CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT, FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67
DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZCZUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
DIKES ON PERMAFROST, PREDICTING THAW AND SETTLEMENT, BY W G BROWN, G H JOHNSTON, NAT RESEARCH COUNCIL, OTTAWA, 1970, DIV OF BUILDING RESEARCH, RES PAPER NO 451
DYKES ON PERMAFROST, KELSEY OPERATING STATION, MANITOBA, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, 1969, RES PAPER NO 390
FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
PERMAFROST AND FOUNDATIONS, G H JOHNSTON, CANADIAN BLDG DIGEST, N R C-DIV OF BLDG RES, OTTAWA APRIL 1965, CANADIAN BLDG DIG NO 64
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158
PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION, RES AND INSTRUMENTATION, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BUILDING RES, TECH PAPER NO 178, MAR 1965
PILE CONSTRUCTION IN PERMAFROST, G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RESEARCH, OTTAWA, 1966, TECH PAPER 233
SOIL SAMPLING IN PERMAFROST AREAS, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 155, JULY 1963
SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN, NATIONAL RESEARCH COUNCIL CAN, DIV BUILDING RES, RES PAPER 233, NOV 1964
STRATIGRAPHY OF THE MACKENZIE RIVER DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1965, DIV BUILDING RES, RES PAPER NO 235
THERMAL EFFECTS IN PERMAFROST, L W GOLD ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376
MERCURY IN PERMAFROST REGIONS, OCCURRENCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT
E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PP.75
CANADIAN GEOTHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOTHERMAL SERIES 1
CANADIAN GEOTHERMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, 1975, GEOTHERMAL SERIES NO 3
PERMAFROST AND FROZEN SUB-SEA BOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, BSP-22
GEOLOGY OF THE KILLIK-FTIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59

JONASSON, I R

JONES, S

JUDGE, A S

JURASSIC

- KACHADOORIAN, R PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY O J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
- KACHURIN, S P PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL
PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- KAMENSKIY, R M EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY
R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
- KAMINAK GP EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
- KAMINAK LAKE AREA, N W T EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
MERCURY IN PERMAFROST REGIONS, OCCURENCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT
E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43
- KANIAPISKAU AREA, QUEBEC SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY
BULLETIN 106, 1964
- KARPOV, V M CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY
CENTER, TECHNICAL TRANSLATION, 1970, AD745544
- KASTROP, H ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER
1974, P BOX 2698
- KEE SCARP MBR PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- KELSH PLOTTER GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
- KENDALL ISLAND, N W T GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM
GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, M/MC-8
- KERFOOT, D E GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
- KEYES, D E ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT
ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
- KHARLOVA, O I METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN
O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
- KHRAMENKOV, E N GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-
SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- KIDSTON, A G SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY
A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
- KILLIK RIVER AREA, ALASKA GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LOETTERMAN, M D KANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF-PAPER 303-F, 1964
- KITZE, F F INSTALLATION OF PILES IN PERMAFROST, F F KITZE, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECT
LAB, BOSTON, SEPT 1957, AD712 650, MISC PAPER 18

- KLJUJEC, N ARCTIC DEVELOPMENT AND PRODUCTION SYSTEMS, BY N KLJUJEC, A S TELFORD, L W WHITMER, I O L PROD RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V4 NO 2 23P
- KLJUJEC, N M CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUJEC, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-64E-72
LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUJEC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10
PERMAFROST DRILLING WITH REFRIGERATED FLUIDS, BY N M KLJUJEC, L R LIPSETT JR, I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5, NO 1-2, JUNE, 1971 P 11-13
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUJEC, L W WHITMER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73
- KLYUYEV, Y V ROLE OF PERMAFROST FACTORS IN THE DYNAMICS OF BOTTOM TOPOGRAPHY IN POLAR SEAS, YE V KLYUYEV, OCEANOLOGY, ACAD SCI, USSR, V 5, NO 5, 1965, P 78-83, RUSSIAN TRANSLATION R-256
- KNIGHT, G R ICE WEDGE CRACKING AND RESULTING EFFECTS IN PIPELINES BURIED IN PERMAFROST, BY G R KNIGHT, A S C E SYMPOSIUM COLD REGIONS ENG, UNIV ALASKA, AUG 17-19, 1970, P 383-395, TA24A5A6
- KOBUK RIVER AREA, ALASKA SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1101-K, WASHINGTON, 1964
- KORATAEV, Y P EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL, NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
- KOSHELEV, A A THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-TEKH SB SER GAZOVDE DELO, NO 7, 1970, RUSSIAN TRANSL R-305
- KOTZEBUE REGION, ALASKA FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
- KRASOVITSKII, B A THAWING OF THE PERMAFROST AROUND AN OPERATING WELL, BY B A KRASOVITSKII, TRANSL FROM IZV VYSSH UCHEB ZAVEDENII NEFT GAZ, NO 9, 1970, RUSSIAN TRANSL R-307
- KRIVOSHEIN, B L EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL, NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-TEKH SB SER GAZOVDE DELO, NO 7, 1970, RUSSIAN TRANSL R-305
- KRYLOV, M M PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
- KUDRYAVTSEV, V A PRINCIPLES OF GEOCRYOLOGY, PT 1, GENERAL GEOCRY, CHAPT VIII, TEMPERATURE, THICKNESS AND DISCONTINUITY OF PERMAFROST, BY V A KUDRYAVTSEV, NAT RES COUNCIL, OTTAWA, 1965, NRC TT-1187
- KUPSCH, W O PERMAFROST TERMINOLOGY, R J E BROWN AND W O KUPSCH, NATIONAL RESEARCH COUNCIL OF CANADA, DEC 1974, TECHNICAL MEMORANDUM NO 111
- LABORATORY METHODS DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUD, PL CON, 18-5, E 1567
THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEAS18 STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568
- LABORATORY TESTS ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5

- LACHENBRUCH, A H
DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH
AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1093-C
MECHANICS OF THERMAL CONTRACTION CRACKS AND ICE-WEDGE POLYGONS IN PERMAFROST, BY A H
LACHENBRUCH, GEOLOGICAL SOCIETY OF AMERICA, NEW YORK, 1962, GB642L3
PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H
LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959
SOME ESTIMATES OF THE THERMAL EFFECTS OF A HEATED PIPELINE IN PERMAFROST, A H LACHENBRUCH,
U S GEOLOGICAL SURVEY CIRCULAR 632
THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH,
U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B
- LACHMUTH, L T
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION
RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-ZOME-73
- LACUSTRINE SEDIMENTS
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LOETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO,
BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138
SOVIET GEOGRAPHY, REVIEW AND TRANSLATION, JUNE 1970, AMERICAN GEOGRAPHICAL SOCIETY, TRANSL
R-233
- LADANYI, B
DESIGN OF Laterally Loaded PILES IN PERMAFROST, B LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72,
BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574
FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI
FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONSTR, STATS+TERMINALS, 18-10, E 1572
- LAKE MOKSOGJLOOKH, U S S R
HOT LAKES IN PERMAFROST, A S FOMICHEV, PRIRODA NO 4, 1969, RUSSIA TRANSLATION R-230
- LAKES
CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA
P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
COMPARISON OF OBSERVED AND CALCULATED GROUND TEMPERATURES WITH PERMAFROST DISTRIBUTION UNDER
A NORTHERN LAKE, BY BROWN, W G, ET AL, N R C OTTAWA, 1964, DIV BUILDING RES, TECH PAPER NO 185
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL
PAPER 482, 1965
SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA, N W T, CANADA, BY
G H JOHNSTON, R J E BROWN, NATIONAL RESEARCH COUNCIL CAN, DIV BUILDING RES, RES PAPER 233, NOV 1964
- LAND DEVELOPMENT
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- LAND DRAINAGE
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- LAND EVALUATION
APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
- LAND REGULATIONS
ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY
OCT 26-27, 1970, APOA-70-1
CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971

LANDFAST ICE

CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FORU S OFFICE OF NAVAL RES, MAY 1972, AD772549
COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

LANDFORMS

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL
FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREOSCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED
J D MOLLARD, REGINA, 1974, TA593M7
LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR
FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND
H W PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF
ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14

LANDRY, B S

NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY
MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1

LANDSLIDES

APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA
FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6

LANGE, G R

INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY
COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245
ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III

LAPTEV SEA

EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE
LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION R-420

LEE, H R

PERMAFROST WHY THE MYSTERY, BY H R LEE ET AL, A S C E SYMPOSIUM COLD REGIONS ENGINEERING,
UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 1-11, TA2445A6

LEGGET, R F

BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
PERMAFROST INVESTIGATION IN CANADA, R F LEGGET, H B DICKENS, R J E BROWN, NATIONAL RES
COUNCIL, OTTAWA, 1961, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 122
PERMAFROST RESEARCH, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH
TECHNICAL PAPER NO 40, 1954
POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113, DEC 1960

LEGGETT, R F

PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291

- LEVINSON, A A INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
- LEWELLEN, R MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF
UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969
- LEWELLEN, R I CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA
P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
PERMAFROST EROSION ALONG THE BEAUFORT SEA COAST, R J LEWELLEN, UNIVERSITY OF DENVER, MAR 1970
P BOX 2319, M/L-3, NO 711
- LI, S T CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION
SERVICE, FEB 1972, P BOX 2590
- LIARD RIVER AREA PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
- LIGHTNING PROTECTION GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT
TRANSLATION, NAUKA, 1959, P172-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221
- LIMESTONE LANDFORMS PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
- LIMNOLOGY ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.
- LIV, C J MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL,
ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR.109PS.75
- LINELL, K A INTERIM REPORT ON LOAD TESTS OF PILES IN PERMAFROST, K A LINELL, U S ARMY ARCTIC CONSTRUCTION
AND FROST EFFECTS LAB, BOSTON, 1954, AD712 568, TECH REPT 58
- LIPSETT, L R PERMAFROST DRILLING WITH REFRIGERATED FLUIDS, BY N M KLJUČEC, L R LIPSETT JR, I O L PROD RES +
TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5, NO 1-2, JUNE, 1971 P 11-13
- LIQUID LEVEL INDICATORS PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS,
A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CRREL REPORT 76-8
- LITERATURE SURVEYS FROST CRACKS, FROST FISSURES AND RELATED POLYGONS, LIT SUMMARY, BY J DYLIK, G C MAARLEVELD
MEDEDELINGEN GEOL STICHTING NIEUWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686
FUNDAMENTAL CONCEPTS FOR THE RAPID DISENGAGEMENT OF FROZEN SOIL, PHASE 1, FOSTER-MILLER ASSOC
INC FOR U S ARMY, CORPS OF ENG, COLD REGIONS RES + ENG LAB, HANOVER, MAY 1973, CRREL TR 233
GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA
PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
HYDROLOGIC EFFECTS OF FROZEN GROUND, LITERATURE REVIEW + SYNTHESIS, S L DINGMAN, U S ARMY
COLD REGIONS RESEARCH + ENG LAB, MAR 1975, SPECIAL REPORT 218
PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT
CALGARY, JULY 1970, IPRC-11MIR-70
REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- LITHOFACIES GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964

- LITHOLOGY CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 305-L, 1964
- LITTORAL SEDIMENTATION ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QB83U6
- LIVERPOOL BAY AREA, N W T GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
1970 BOTTOM SAMPLING PROGRAM, SOUTH COAST OF BEAUFORT SEA, MACKENZIE BAY TO LIVERPOOL BAY NWT REPORT TO IOL BY GOLDER BRAWNER ASSOCIATES, JULY 1970, COLD-BRAWN-70-1
- LOAD CAPACITIES FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
PRELIMINARY CASING DOWNDRAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973, LAB REPORT NO L-42273
- LOAD INDICATORS ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
- LOADING TESTS DESIGN OF Laterally Loaded Piles in Permafrost, B LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72, BACK-UP DATA 8KS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574
INTERIM REPORT ON LOAD TESTS OF PILES IN PERMAFROST, K A LINELL, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECTS LAB, BOSTON, 1954, AD712 568, TECH REPT 58
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA 8KS, V 18 GEOTECH STUDIES, PL CONST, STATS+TERMINALS, 18-10, E 1572
- LOCK, G S H ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666
- LOGISTICS ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 30L, WASHINGTON, 1958.
POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGETT, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLOC RESEARCH TECHNICAL PAPER NO 65, MAY 1959
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
- LOTSPEICH, F B ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
- LOW TEMPERATURE NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS DIV, DECEMBER 1973, EPR-43PR.73
- LYONS, C G ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
- MAARLEVELD, G C FROST CRACKS, FROST FISSURES AND RELATED POLYGENS, LIT SUMMARY, BY J DYLIK, G C MAARLEVELD MEDEDELINGEN GEOL STICHTING NIEUWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686
- MACDOUGAL GP GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- MACFARLANE, I C PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT I C MACFARLANE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291

- MACHINE DESIGN DESIGN PARAMETERS FOR A ROTARY EXCAVATING ATTACHMENT, M MELLOR, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, N H, CRREL TECH NOTE SEPT 1972
- MACHINERY MAINTENANCE ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
- MACKAY, D K ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065
- MACKAY, J R GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, M/MC-8
MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
- OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM OPERATORS ASSOC, FEB 1972, APOA-72-1
- PINGOS OF THE PLEISTOCENE MACKENZIE DELTA AREA, BY J ROSS MACKAY, DEPT OF MINES + TECH SURVEY GEOGRAPHICAL BR, GEOS BULL 18 P21-63 NOV 1962, M/MC-3
- SEGREGATED EPIGENETIC ICE AND SLUMPS IN PERMAFROST - MACKENZIE DELTA AREA, N W T, BY J R MACKAY, GEOR BR, CANADA DEPT OF MINES + TECH SURVEYS, OTTAWA, 1966, M/MC-5
- SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
- WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL 62 NO 1, MARCH 1972, P 1-22, PRINT 815
- MACKENZIE BASIN ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666
BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL CAN, DIV OF BLOC RESEARCH TECH REPT NO 8, JUNE 1951
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- MACKENZIE BAY 1970 BOTTOM SAMPLING PROGRAM, SOUTH COAST OF BEAUFORT SEA, MACKENZIE BAY TO LIVERPOOL BAY NWT REPORT TO IOL BY GOLDER BRAWNER ASSOCIATES, JULY 1970, GOLD-BRAWN-70-1
- MACKENZIE DELTA AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAW IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY OCT 26-27, 1970, APOA-70-1
ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1
CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUDEC, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-6ME-72
DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065
EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCR-3S-72
EXPERIMENTAL RESULTS OF THE ELECTROSEISMIC EFFECT AS A PERMAFROST-THICKNESS MEASUREMENT TECHNIQUE, S A BOYER, GEOPHYSICS RESEARCH DIGEST, VOL 10, NO 1-2, JUNE 1971, P 38-45
FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TAT10S65
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679

MACKENZIE DELTA

GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA
PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, IOL ARCTIC COORDINATION,
PARTS A AND B, IPRC-7ME-70
GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION
A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, QE615
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN & SUPPL BY D W BOYD,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8

MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS
MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVL-1970-2
MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19, 20, 1972 AT
EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 45, OCT 1957
PERMAFROST IN THE MACKENZIE DELTA, NORTHWEST TERRITORIES, M W SMITH, GEOLOGICAL SURVEY OF
CANADA, 1976, E3083, G S C PAPER 75-28
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953, DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
PINGOS OF THE PLEISTOCENE MACKENZIE DELTA AREA, BY J ROSS MACKAY, DEPT OF MINES + TECH SURVEY
GEOGRAPHICAL BR, GEOG BULL 18 P21-63 NOV 1962, M/MC-3
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I D L EDMONTON DEVELOPMENT DEPT, OCT 1963, IPRE-1ME-69
REPORT ON CO-SPONSORED PERMAFROST TEST SURVEY IN ARCTIC ISL + MACKENZIE DELTA USING GEOPROBE
ENR-14 EM SYSTEM, M K GHOSH, P G HALLOF, MCPHAR GEOPHYSICS COMPANY, JULY 1974, MCPHAR-74-1
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION
RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA, N W T, CANADA, BY
G H JOHNSTON, R J E BROWN, NATIONAL RESEARCH COUNCIL CAN, DIV BUILDING RES, RES PAPER 233, NOV 1964
STRATIGRAPHY OF THE MACKENZIE RIVER DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN,
NATIONAL RES COUNCIL, OTTAWA, 1965, DIV BUILDING RES, RES PAPER NO 235

MACKENZIE DELTA GAS DEV SYSTEM

MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL
CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406

MACKENZIE HIGHWAY

PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J
E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175

MACKENZIE RIVER

OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION
RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59

MACKENZIE RIVER AREA, N W T

PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND
W W PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4

MACKENZIE RIVER BASIN

LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR
FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8

MACKENZIE RIVER BASIN

STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14

MACKENZIE VALLEY PIPE LINE RES AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
DESIGN OF Laterally Loaded PILES IN PERMAFROST, B LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574
DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-JP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-4, E 1566
GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE, MVPLRL, 72, MVPL FEAS STUDY, 72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALEPETA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580
INTERIM REPORT ON THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN AND THAWED PERMAFROST FROM THE INUVIK AREA FOR MACKENZIE VALLEY PL RES, NATIONAL RESEARCH COUNCIL CAN, 1972
INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-3, E 1565
INUVIK TEST FACILITY, FINAL REPORT, VOL 1-EXECUTIVE SUMMARY, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 1
INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSEN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972, FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575
PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-14, E1576
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOMENBAY TO (ORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-JP DATA BKS, V 1, RTE SEL+EVAL, RTI-3, E1294
PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322

- MACKENZIE VALLEY PIPE LINE RES TEXACO PERMAFROST DENSITY LOGGING RPT, L P OCONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972, MVPL FFAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564
THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568
THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR
MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONSTR, STATS+TERMINALS, 18-10, E 1572
- MACKENZIE VALLEY TRANSPORT COR ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY
FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NDR-X-32
SOME ASPECTS OF NATURAL SLOPE STABILITY IN PERMAFROST IN RELATION TO APPLICANTS PROPOSED PIPE
LINE, BY NORTHERN ENG SERVICES LTD FOR CANADIAN ARCTIC GAS LTD, OCT 1974, E2512
- MAGNETIC INTERPRETATION ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
- MAGNETIC OBSERVATIONS SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY
J R WOOLSON, PT 4.GEOPHYSICS, U S G S PROFESSIONALPAPER 304-A, WASHINGTON, 1962.
- MAGNETIC SURVEYING USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER
MSC THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6
- MAGNETOTELLURIC METHOD INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972
IPRCEP-9HGP-72
- MAKOGON, YU F HYDPATE FORMATION IN PERMAFROST GAS STRATUM, Y F MAKOGON, TRANSL FROM GAZ PROM NO 5, 1965,
RUSSIAN TRANSL R-314
PARTICULARITIES IN CALCULATION OF GAS RESERVES FOR GAS FIELDS IN PERMAFROST REGIONS, BY Y F
MAKOGON, FROM NAUCH TEKH SB SER-GAZ DELO NO 7/VI, 1965, RUSSIAN TRANSL R-329
- MAKSIMOV, G N ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
- MANCHURIA REPORT ON PERMAFROST SURVEYING MANCHURIA, 1943, U NAKAYA, J SUGAYA, NATIONAL RESEARCH COUNCIL
OF CANADA TECHNICAL TRANSLATION TT-382, 1953
- MANGUS, M D GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDEITERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- MANHATTAN, STEAMSHIP OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRYS CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
- MANITOBA PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E
BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
- MANUALS ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DN-9, M/U-4
LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREOSCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED
J D MOLLARD, REGINA, 1974, TA593M7

MAPPING

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL
FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR
FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
MAPPING THE BASE OF PERMAFROST BY REFLECTION SEISMIC, W D EVANS, I O L GEOPHYSICAL RES,
MAY 1970, IPRCEP-28MGP-70
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBRUCHEV INST OF PERMAFROST STUDIES, NATL RES COUN
CAN-DIV OF BLDG RES, OTTAWA, 1969, TECH TRANS 1358
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOE BAY TO NORTH ALTA, JMOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294

MARAMZIN, A V

DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2

MARINE SEDIMENTS

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV,
N S IVANOV, ACADEM SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
1970 BOTTOM SAMPLING PROGRAM, SOUTH COAST OF BEAUFORT SEA, MACKENZIE BAY TO LIVERPOOL BAY NWT
REPORT TO IOL BY GOLDER BRAUNER ASSOCIATES, JULY 1970, GOLD-BRAUN-70-1

MARINE TERMINALS

HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

MARINE TRANSGRESSION

GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KEPPERT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60695

MARKOV, K K

EARTHS PERMAFROST BEDS, N A GRAVE, PERMAFROST AND ANCIENT GLACIATION, I P GERASIMOV,
DEFENCE RESEARCH BOARD T499R, JULY 1968, P BOX 2475

MARSHALL, E W

DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUDE, E W MARSHALL, A GOW
U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH RPT 60

MASSIVE ICE

GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA
PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

MATHEMATICAL ANALYSIS

GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD,
DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296

MATHEMATICAL MODELS

COLD STORAGE SYSTEMS FOR APPLICATIONS TO OIL PIPELINES IN PERMAFROST REGIONS - A SUMMARY RPT
THERMO-DYNAMICS INC, ALYESKA PIPELINE SERVICE COMPANY, MAY 1971, PLR 142-128
DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH
SERV, NOVEMBER 1973, LAB REPORT NO L-60573
PRELIMINARY CASING DOWNDRAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973,
LAB REPORT NO L-42273

- MCGILL UNIV DEPT OF GEOGRAPHY AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- MCIVER, R D CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND
EVALUATION DIVISION, SEPTEMBER, 1973, EPR.24EX.73
- MCKAY, G A TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L
WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, M/R-4
- MCKAY, W N REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE AND W N MCKAY, I O L PROD RES+TECH
SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V 4 NO 2 35P
- MCPHAR GEOPHYSICS LTD REPORT ON CG-SPONSORED PERMAFROST TEST SURVEY IN ARCTIC ISL + MACKENZIE DELTA USING GEOPROBE
EMR-14 EM SYSTEM, M K GHOSH, P G HALLOF, MCPHAR GEOPHYSICS COMPANY, JULY 1974, MCPHAR-74-1
- MCROBERTS, E C LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA
FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
- MEASURING INSTRUMENTS DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD
AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
- MECHANICAL PROPERTIES PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS
IN ENGINEERING GEOCRYOLOGY, BY N I SALT'YKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-PASIC MECHANICS OF FREEZING,
FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- MECHANICAL STRENGTH NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- MECHANICS MECHANICS OF THERMAL CONTRACTION CRACKS AND ICE-WEDGE POLYGONS IN PERMAFROST, BY A H
LACHENBRUCH, GEOLOGICAL SOCIETY OF AMERICA, NEW YORK, 1962, GB642L3
- MEDEDELINGEN GEOL STICHTING FROST CRACKS, FROST FISSURES AND RELATED POLYGONS, LIT SUMMARY, BY J DYLIK, G C MAARLEVELD
MEDEDELINGEN GEOL STICHTING NIEUWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686
- MELLOR, M DESIGN PARAMETERS FOR A ROTARY EXCAVATING ATTACHMENT, M MELLOR, U S ARMY COLD REGIONS RES+ENG
LAB, HANOVER, N H, CRREL TECH NOTE SEPT 1972
- MELTING MECHANISM NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY
MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
- MERCURY CONTENT MERCURY IN PERMAFROST REGIONS, OCCURRENCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT
E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43
- MESSOYAKH FIELD, U S S R GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-
SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- METALLIC SULFIDE SYSTEMS EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
- METALLURGY FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCITE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
- METEOROLOGY ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8

METEOROLOGY

AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8

MEZHLUMOV, O A

STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY
V A SIDOROVSKI, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149

MICROFOSSILS

GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964

MICROPLANKTON

GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, Q196C1

MILITARY OPERATIONS

SNOW, ICE AND PERMAFROST IN MILITARY OPERATIONS, R F FLINT, U S ARMY SNOW, ICE AND PERMAFROST
RESEARCH ESTABLISHMENT, WILMETTE, ILLINOIS, SEPT 1953, CARTEL TECH RPT 15

MILLAR, R H G

ANALYSIS OF CASING BUCKLING+SURFACE CASING CEMENT REQUIREMENTS, R H G MILLAR, I O L PROD RES
+ TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-12ME-74
ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRAG PROBLEM IN TAGLU PROD WELLS
R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74
CONSERVATIVE DOWNDRAG ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH
SERV DEPT, DECEMBER 1973, IPRT-28ME-73
DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH
SERV, NOVEMBER 1973, LAB REPORT NO L-60573
PRELIMINARY CASING DOWNDRAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973,
LAB REPORT NO L-42273
WELLHEAD AND CONDUCTOR-CASING INTEGRITY, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY
1974, CALGARY, ALTA, IPRT-15ME-74

MILLER, J M

PILE FOUNDATIONS IN THERMALLY FRAGILE FROZEN SOILS, BY J M MILLER, A S C E SYMPOSIUM COLD
REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 35-72, TA24A5A6

MILLER, T W

SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION
RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR, IPR, 74

MINERAL EXPLORATION

EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEENAWAT, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967

MINERAL OCCURRENCES

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF
MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217

MINERAL RESOURCES

GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, Q196C1
POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE
CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN NR 38.

MINING

NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE
MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N587

- MINING PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN, NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE
CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
- MINING COSTS PRINCIPLES OF GEOCRYSOLOGY...PT 2-ENGINEERING GEOCRYSOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- MINUTES, MEETINGS BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
- MITCHELL, R F MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL, ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR-109PS.75
- MODELS ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS
EPRCC OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCC PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
- MOISTURE CONTENT DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG CONSULTANTS LTD, EDMONTON, MAY 1972, DRAFT, BROOKER 73-9
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PRINCIPLES OF GEOCRYSOLOGY...PART 2-ENGINEERING GEOCRYSOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYSOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297
- MOLLARD, J D LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREOSCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED
J D MOLLARD, REGINA, 1974, TA593M7
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, J MOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322
- MOLLARD, J D AND ASSOC LTD AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, J MOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322
- MOLOCHUSKIN, E N EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION R-420
- MONITORING REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, RPT NO 1-14, E 1305
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUCC, L W WHITMER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73
- MOORE, D J PERMA FROST DITCHING TEST FOR TRANS-ALASKA PIPELINE SYSTEM, D J MOORE, PIPELINE TECHNOLOGISTS INC, ALYESKA PIPELINE SERVICE COMPANY, APRIL 7, 1969, PLR 142-001
- MORAINES PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016

- MORDAN, R C REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
- MOREAU, B L PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144
- MORGENSTERN, N R LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT 821
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
- MOSAIC MAPPING AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- MOSLOV, V T CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
- MOUNDS GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1969, P 105-115, M/MC-8
- MOUNTAIN RIVER AREA, N W T LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
- MUDFLOWS GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
- MUDSLUMPS GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
- MULHOLLAND, J W RECOGNITION OF NATURALLY OCCURRING GAS HYDRATES IN ARCTIC NORTH AMERICA, J W MULHOLLAND EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.31EX.75
WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75
- MULLER, F AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962 PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- MULTIPHASE FLOW PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959
- MUSK OX ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
- MUSKEG GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
PALAEOBOTANICAL METHOD IN PREDICTION OF SUB-SURFACE SUMMER ICE CONDITIONS BY NORMAN W RADFORTH NATL RES COUNCIL, CAN, ASSOCIATE COMM ON SOIL... TECH MEMO 34, MARCH 1955
PERMAFROST RESEARCH, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 40, 1954
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, J MOLLARD, J BALZER, MOLLARD+ASSOC, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294

MUSKEG

PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
REPORT ON THE GEOTECHNICAL SCIENCES TO SOLID-EARTH SCIENCE STUDY GP OF THE SCIENCE COUNCIL OF
CANADA, NATIONAL RESEARCH COUNCIL CAN, OTTAWA, JUNE, 1969, TECH MEMO NO 95
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION
RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE
CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESES
1970, HE21555

MUSKEG CLASSIFICATION

PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB
STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308

MUSKEG VEHICLES

DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MAKAMZIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.542

N W T

ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY G P
WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY
J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND
ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J
E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175
PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE
CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.

NAIR, K

STRESS ANALYSIS FOR FOUNDATIONS IN PERMAFROST, BY KESHAVAN NAIR, A S C E SYMPOSIUM COLD
REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 33, TA24A546

NAKAYA, U

REPORT ON PERMAFROST SURVEYING MANCHURIA, 1943, U NAKAYA, J SUGAYA, NATIONAL RESEARCH COUNCIL
OF CANADA TECHNICAL TRANSLATION TT-382, 1953

NATHAN, H A G

FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS
WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021

NATIONAL ACAD SCIENCES WASH

FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH
COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES. BRD BULLETIN 111
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

- NATIONAL ASSOC CORROSION ENG CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, BY M ROMANOFF, NATIONAL ASSOC OF CORROSION ENGRS, 1969 CONF, HOUSTON, TEX, PREPRINT NO 81, TA462N2
- CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, M ROMANOFF, 25TH ANN NACE CONF, HOUSTON, MARCH 10-14 1969, PAPER NO 81, PRINT NO 839
- NATIONAL RESEARCH COUNCIL CAN ADFREEZING AND FROST HEAVING OF FOUNDATIONS, E PENNER, K N BURN, CANADIAN BLDG DIGEST, N R C DIV OF BLDG RES, OTTAWA, AUG, 1970, NO 128
- ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957 G P
- BENCH MARKS IN PERMAFROST AREAS BY G H JOHNSTON, NATL RESEARCH COUNCIL, CAN, DIV OF BLDG RESEARCH, TECH PAPER 134, FEB 1962
- BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
- BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
- BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
- BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
- CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
- COMPACT SELF-CONTAINED GROUND TEMPERATURE RECORDER, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RESEARCH, OTTAWA, NOV 1966, TECH PAPER NO 238
- COMPARISON OF OBSERVED AND CALCULATED GROUND TEMPERATURES WITH PERMAFROST DISTRIBUTION UNDER A NORTHERN LAKE, BY BROWN, W G, ET AL, N R C OTTAWA, 1964, DIV BUILDING RES, TECH PAPER NO 186
- CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
- CONSTRUCTION OF A WATER STORAGE DAM ON PERMAFROST AND DISCHARGE AND BLOCKING UP THE RIVER DURING CONSTRUCTION ..., BY G F BIYANOV, NAT RES COUNCIL OF CANADA, 1969, TECH TRANSL 1353
- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
- DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZOUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LAB, W A SLUSARCHUK, P H FOULSER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
- DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULSER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
- DIKES ON PERMAFROST, PREDICTING THAW AND SETTLEMENT, BY W G BROWN, G H JOHNSTON, NAT RESEARCH COUNCIL, OTTAWA, 1970, DIV OF BUILDING RESEARCH, RES PAPER NO 451
- DISTRIBUTION OF PERMAFROST AND ITS RELATION TO AIR TEMPERATURE IN CANADA AND IN THE U S S R BY R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1960, DIV BUILDING RES, RESEARCH PAPER 112
- DYKES ON PERMAFROST, KELSEY OPERATING STATION, MANITOBA, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, 1969, RES PAPER NO 390
- EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961
- FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
- FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-4, E 1566
- FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
- FREEZING OF PEATLAND, R J BROWN, G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, DECEMBER 1972, TECH PAPER 381
- FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1024

NATIONAL RESEARCH COUNCIL CAN

GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY
W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
GUIDE FOR DESIGN AND CONSTRUCTION OF PILE FOUNDATIONS IN PERMAFROST, NATIONAL RESEARCH
COUNCIL OF CANADA TECH TRANSL 1314, BY R J E BROWN, 1968
GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H
JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
HEAT EXCHANGE BETWEEN PERMAFROST+THE ATMOSPHERE IN THE PRESENCE OF A VEGETATION COVER, V BAL
OBAEV, NATL RES COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, 1973, N R C TECH TRANS 1670
ICE DISTRIBUTION IN PERMAFROST PROFILES, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA
1968, DIV OF BUILDING RESEARCH PAPER 371
INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE
(SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INTERIM REPORT ON THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN AND THAWED PERMAFROST FROM THE
INUVIK AREA FOR MACKENZIE VALLEY PL RES, NATIONAL RESEARCH COUNCIL CAN, 1972
INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA,
W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-3, E 1565
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYD, C,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN
O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
METHODOLOGY OF COMPARING THE ECONOMICS OF DIFFERENT CONSTRUCTION PROJECTS, V F ZHUKOV, NATL
RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, 1963, TECH TRANS 1064
OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957
PALAEOBOTANICAL METHOD IN PREDICTION OF SUB-SURFACE SUMMER ICE CONDITIONS BY NORMAN W
RADFORTH NATL RES COUNCIL, CAN, ASSOCIATE COMM ON SOIL... TECH MEMO 34, MARCH 1955
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON
SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
PERMAFROST AND FOUNDATIONS, G H JOHNSTON, CANADIAN BLDG DIGEST, N R C-DIV OF BLDG RES, OTTAWA
APRIL 1965, CANADIAN BLDG DIG NO 64
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
PERMAFROST AS AN ECOLOGICAL FACTOR IN THE SUBARCTIC, BY R J E BROWN, NATIONAL RES COUNCIL
OTTAWA, 1970, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 313
PERMAFROST ASPECTS OF HUDSON BAY RAILROAD, BY J L CHARLES, NATIONAL RESEARCH COUNCIL OF CAN,
DIV OF BLDG. RES, TECHNICAL PAPER NO 94, OTTAWA, 1960, 11P
PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN
DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
PERMAFROST INVESTIGATION IN CAANADA, R F LEGGET, H B DICKENS, R J E BROWN, NATIONAL RES
COUNCIL, OTTAWA, 1961, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 122
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E
BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158
PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
PERMAFROST INVESTIGATIONS IN NORTHERN ONTARIO AND NORTHEASTERN MANITOBA, BY R J E BROWN
NATIONAL RES COUNCIL OF CANADA, DIV BUILDING RES, OTTAWA, 1968 TECHNICAL PAPER NO 291
PERMAFROST INVESTIGATIONS IN QUEBEC AND NEWFOUNDLAND-LABRADOR-, R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RES, DEC 1975, TECHNICAL PAPER NO 449

- NATIONAL RESEARCH COUNCIL CAN PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
- PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBRUCHEV INST OF PERMAFROST STUDIES, NATL RES COUN CAN-DIV OF BLDG RES, OTTAWA, 1969, TECH TRANS 1358
- PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
- PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175
- PERMAFROST MAP OF CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, OTTAWA, 1968, NRC 10326, DBR TECH PAPER 277
- PERMAFROST RESEARCH, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 40, 1954
- PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION, RES AND INSTRUMENTATION, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BUILDING RES, TECH PAPER NO 178, MAR 1965
- PERMAFROST TERMINOLOGY, R J E BROWN AND W O KUPSCH, NATIONAL RESEARCH COUNCIL OF CANADA, DEC 1974, TECHNICAL MEMORANDUM NO 111
- PERMAFROST-DISTRIBUTION AND RELATION TO ENVIRONMENTAL FACTORS IN THE HUDSON BAY LOWLAND, R J E BROWN, NATIONAL RESEARCH COUNCIL, CANADA, 1973, NRC RES PAPER 576
- PILE CONSTRUCTION IN PERMAFROST, G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RESEARCH, OTTAWA, 1966, TECH PAPER 233
- PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA, TECHNICAL TRANSLATION 1401, 1970
- POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
- PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
- PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONDAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRYOLOGY, BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1215
- PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND AIRFIELDS, BY G V PORKHAEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220

- NATIONAL RESEARCH COUNCIL CAN PRINCIPLES OF GEOCRYOLOGY, PT 1, GENERAL GEOCRY, CHAPT VIII, TEMPERATURE, THICKNESS AND DIS-
CONTINUITY OF PERMAFROST, BY V A KUDRYAVTSEV, NAT RES COUNCIL, OTTAWA, 1965, NRC TT-1187
- PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIALY FROZEN GROUND AND
VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
- PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF
MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- PRINCIPLES OF GEOCRYOLOGY, PT 2, ENG GEOCRY, CHAPT XI, SPECIFIC FEATURES OF STRUCTURES IN
PERMAFROST CONDITIONS, A I DEMENTEV, NAT RES COUNCIL, OTTAWA, DIV OF BLDG RES, 1966, TT-1232
- PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E
BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
- PROCEEDINGS OF A SEMINAR ON THERMAL REGIME AND MEASUREMENTS IN PERMAFROST 2 AND 3 MAY 1972
NATIONAL RESEARCH COUNCIL OF CANADA, OCTOBER 1973, TECHNICAL MEMORANDUM NO 108
- PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
- PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
- PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE,
PUR NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1963
- PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD,
J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
- REPORT ON PERMAFROST SURVEYING MANCHURIA, 1943, U NAKAYA, J SUGAYA, NATIONAL RESEARCH COUNCIL
OF CANADA TECHNICAL TRANSLATION TT-382, 1953
- REPORT ON THE GEOTECHNICAL SCIENCES TO SOLID-EARTH SCIENCE STUDY GP OF THE SCIENCE COUNCIL OF
CANADA, NATIONAL RESEARCH COUNCIL CAN, OTTAWA, JUNE, 1969, TECH MEMO NO 95
- REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- RUSSIAN-ENGLISH GLOSSARY OF PERMAFROST TERMS, V POPPE + R J E BROWN, ASSOCIATE COMMITTEE ON
GEOTECHNICAL RESEARCH, OTTAWA, APRIL 1976, NATIONAL RESEARCH COUNCIL OF CANADA, TECH MEM 117
- SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG
RESEARCH TECHNICAL PAPER NO 127, AUG 1961
- SOIL SAMPLING IN PERMAFROST AREAS, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 155, JULY 1963
- SOME ASPECTS OF AIRPHOTO INTERPRETATION OF PERMAFROST IN CANADA, R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, 1974, NRC TECHNICAL PAPER NO 409
- SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA, N W T, CANADA, BY
G H JOHNSTON, R J E BROWN, NATIONAL RESEARCH COUNCIL CAN, DIV BUILDING RES, RES PAPER 233, NOV 1964
- SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN
WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
- STRATIGRAPHY OF THE MACKENZIE RIVER DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN,
NATIONAL RES COUNCIL, OTTAWA, 1965, DIV BUILDING RES, RES PAPER NO 235
- SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH
COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297
- SURFACE HEAT EXCHANGE AND PERMAFROST, G P WILLIAMS, NATIONAL RESEARCH COUNCIL CAN, ASSOCIATE
COMMITTEE ON GEOTECHNICAL RESEARCH, 1971, N R C TM 103 18-12
- TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963
- THERMAL EFFECTS IN PERMAFROST, L W GOLD ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING
RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376
- TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF
CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657
- TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113, DEC 1960

- NATIONAL RESEARCH COUNCIL CAN WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY M B DICKENS,
NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959
- NATIONAL RESEARCH COUNCIL WASH FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH
COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1959, U S HIGHWAY RES BOD BULLETIN 111
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1969, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, 197016
- NATURAL RESOURCES APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF QUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GRSIC1
ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM-349
- CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON
ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CREL TECH REPORT 241
- NAVAL PETROLEUM RESERVE, ALASKA CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-E, 1964
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT. 1,
HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LOETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
GURIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET
RESERVE NO 4, PT 2, J S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, JUNIAT FIELD, ALASKA, BY D C BAPTIST, U S BUREAU
OF MINES R 1 5642, 1960
SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY
J B WOOLSON, PT 4, GEOPHYSICS, U S G S PROFESSIONAL PAPER 304-A, WASHINGTON, 1962.
- NAVIGATION ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, 6601AB.
- NAVIGATION AIDS TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555
- NAYSMITH, J K CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
- NEFTYANSE KHOZYAISTVO, MOSKVA CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANSE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY
V A SIDOROVSKI, D A MEZHUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
- NELIPOVICH, D J VELOCITY APPLICATION IN NORTH SLOPE ALASKA, D J NELIPOVICH, IN EPPCO VELOCITY SYMPOSIUM
FEBRUARY 23-27, 1976, SPR, 15EX, 16
- NEUTRON LOGS TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
- NICHICUM AREA, QUE SURFICIAL GEOLOGY, NICHICUM-KANIAPISKAU MAP-AREA, QUEBEC, BY D L HUGHES, CANADA GEOLOGICAL SURVEY
BULLETIN 106, 1964
- NIELSEN, J K FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS
WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021

NIVEN, R G

PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY
SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31

NIXON, J F

NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL
THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL
ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT 821
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN,
UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820

NORMAN WELLS AREA, N W T

GEOTECHNICAL STUDIES OF PERMAFROST IN THE FORT GOOD HOPE-NORMAN WELLS REGION, NWT, R M ISAACS
CANADA DEPT ENVIRONMENT, TASK FORCE ON NORTHERN OIL DEV, OTTAWA 1974, E02645; RPT 74-16
OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL
SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVELOP, JAN 1974, E2118, RPT 73-43
PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IDL, CALGARY 1953,
HC117H3
PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRN-4ME-68
SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN
WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236

NORMAN WELLS FIELD, N W T

PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71

NORTHERN DEVELOPMENT

ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY
OCT 26-27, 1970, APOA-70-1
CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE
(SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N5B7
PERMAFROST MAP OF CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, OTTAWA, 1968, NRC 10326,
OBR TECH PAPER 277
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555

NORTHERN ENGINEERING SERV LTD

DEPTH OF OVERBURDEN COVER OVER PIPE + PILE ANCHORAGE TECHNICAL + COST CONSIDERATIONS, BY
NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, AUG 1974, E2518
FOUNDATION DESIGN, INTERIM REPORT BY NORTHERN ENGINEERING SERVICES LTD, FOR CANADIAN ARCTIC
GAS STUDY LTD, JULY 1974, E2510
GEOTECHNICAL ASPECTS OF SOIL PIPE INTERACTION AT SINGLE FIELD BENDS, BY NORTHERN ENGINEERING
SERVICES FOR CANADIAN ARCTIC GAS STUDY LTD, JUNE 1974, E2520
SOME ASPECTS OF NATURAL SLOPE STABILITY IN PERMAFROST IN RELATION TO APPLICANTS PROPOSED PIPE
LINE, BY NORTHERN ENG SERVICES LTD FOR CANADIAN ARCTIC GAS LTD, OCT 1974, E2512
TRANSIENT FLOW STUDY - PREDICTION OF THERMAL RESPONSE DURING WARM WATER TESTING OF PIPELINES,
BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, MAY 1974, E2517

NORTHERN PIPELINES TASK FORCE

STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND
W W PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4

NORTHERN TRANSPORTATION

ARCTIC TASK FORCE - PROGRESS REPORT NO 1, BY THE ARCTIC ENGINEERING GROUP, DEVELOPMENT DEPT
I O L PROD DEPT, EDMONTON, AUG 1969, IPRE-21ME-69
PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N5B7
PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND
AIRFIELDS, BY G V PORKHAEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220

NORTHERN TRANSPORTATION

TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555

NORTHWEST PROJECT STUDY GP

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL
FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
CANGL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA
LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO NORTHERN ALTA, J MOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294

NORWEGIAN GEOTECHNICAL INST

PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE,
PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968

NOZHEVNIKOV, V Y

GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT
TRANSLATION, NAUKA, 1959, P172-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221

NUCLEAR LOGS

TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967

NUMERICAL SOLUTIONS

NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL
THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2

OBRIAN, D E

MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19, 20, 1972 AT
EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972

OBRIEN, D E

NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS
DIV, DECEMBER 1973, EPR.43PR.73

OBROCHEV INSTITUTE, U S S R

PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBROCHEV INST OF PERMAFROST STUDIES, NATL RES COUN
CAN-DIV OF BLDG RES, OTTAWA, 1969, TECH TRANS 1358

OCEAN CURRENTS

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

OCEAN FLOOR

PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET
AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, BSP-22

OCEAN FLOOR TEMPERATURES

OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM
OPERATORS ASSOC, FEB 1972, APOA-72-1

OCEAN WAVES

HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

OCEANIC CIRCULATION

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

OCEANOGRAPHY

APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYM ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131CI
ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8

ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QB8306

OCEANOGRAPHY SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER
NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970

O'CONNELL, L P TEXACO PERMAFROST DENSITY LOGGING RPT, L P O'CONNELL, W D FREERORN, TEXACO EXPL CAN LTD, 1972,
MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564

OFFSHORE DRILLING FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET
AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, B5P-22

OFFSHORE PERMAFROST NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM
OPERATORS ASSOC, FEB 1972, APOA-72-1
WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS,
VOL 62 NO 1, MARCH 1972, P 1-22, PRINT 815

OGOTOPUK VALLEY, ALASKA ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, Q83U6
ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III

OIL MIGRATION OIL MIGRATION UNDER PERMAFROST CONDITIONS, BY A P RAKPTOV, TRANSLATED FROM RUSSIAN BY
H GREULICH, 1965

OIL PRODUCTION NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY
MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N5R7
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO-TECH RES TECH MEMO 96 SEP 69, E 404, 516-18

OIL SPILLS ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY
FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NOR-X-32
OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL
SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVEL, JAN 1974, E2118, RPT 73-43

OIL WELLS, N W T WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJJCEC, L W WHITMER, I O L PROD RES
AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73

OLD CROW AREA, Y T CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971

OPERATING CONDITIONS REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59

ORGANIC CONTENT PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954

ORGANIC LAYERS SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY
CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958

OSTRY, G B BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY
G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252

- OUTCROP SECTIONS
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- OVERBURDEN REMOVAL
SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
- OZYABLOV, V S
EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV, ET AL, RAZVEDKA I OKHRANA NEDR 24, NO 10, P 45-48, 1958, TRANSL A T S RJ-1770
- PACK ICE
COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
- PALEOBOTANY
AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MÜLLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
PALAEOBOTANICAL METHOD IN PREDICTION OF SUB-SURFACE SUMMER ICE CONDITIONS BY NORMAN W RADFORTH NATL RES COUNCIL, CAN, ASSOCIATE COMM ON SOIL...TECH MEMO 34, MARCH 1955
- PALEOCLIMATOLOGY
THE EFFECTS OF PERMAFROST, GAS HYDRATES AND PAST CLIMATIC REGIMES ON GEOTHERMAL GRADIENTS, BY W J SANDERSON, I O L EDMONTON NORTH EXPL DIST, MARCH 1971, IPKNWT-2MC-71
- PALEOLATITUDES
GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- PALEONTOLOGY
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- PARAMETERS
EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
- PATENAUE, R W
DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUE, E W MARSHALL, A GOW
U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH RPT 60
- PATTERNED GROUND
CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
FROST CRACKS, FROST FISSURES AND RELATED POLYGONS, LIT SUMMARY, BY J DYLIK, G C MAAPLEVELD
MEDEDELINGEN GEOL STICHTING NIEUWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686
GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
MECHANICS OF THERMAL CONTRACTION CRACKS AND ICE-WEDGE POLYGONS IN PERMAFROST, BY A H LACHENBRUCH, GEOLOGICAL SOCIETY OF AMERICA, NEW YORK, 1962, GB642L3
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS, MONTREAL, 1969, QE697P3
PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY O J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
PERMAFROST, PERENNIAL FROZEN GROUND, S RUSSEL STEARNS, U S ARMY COLD REGIONS RESEARCH + ENG
AUG 1966, CRREL MONOGRAPH 1-A2
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TI-1157

PATTERNED GROUND

PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, T471016
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69

PAVEMENT

FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH
COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRD BULLETIN 111
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, T471015

PAVLENKO, D I

STRENGTH INCREMENT OF CONCRETE POURED INTO HOLES DRILLED IN PERMAFROST, B I BEREZOVSKIY, D I
PAVLENKO, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 317

PAVLOFF, V N

TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963

PEARNS, W H

PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, BY W H PEARNS, PAPER PREPARED FOR THE AMER
SOC OF MECH ENGRS 25TH PETROLEUM MECH ENGRS CONF, DENVER, COLO, SEPT 14, 1970, PRINT NO 751
PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARNS, WILLIAMS BROTHERS ENGINEERING CO
PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174

PEAT

FREEZING OF PEATLAND, R J BROWN, G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF
BLDG RES, OTTAWA, DECEMBER 1972, TECH PAPER 381
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYDC,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREOSCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED
J D MOLLARD, REGINA, 1974, TA593M7
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965

PEDDOLOGY

INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974
QE515L39
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON
SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953, DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD,
J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
SOIL SAMPLING IN PERMAFROST AREAS, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 155, JULY 1963

PEEL PLATEAU

PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69

PEKARSKAIA, N K

SHEAR STRENGTH OF FROZEN GROUNDS AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAIA, TRANSLATED
FROM IZD-VQ AKAD NAUK SSSR, P 3-108, 1963 FOR CRREL, 1965, AD 715,091 CRREL TL 115

PENNER, E

DEFREEZING AND FROST HEAVING OF FOUNDATIONS, E PENNER, K N BURN, CANADIAN BLDG DIGEST, N P C
DIV OF BLDG RES, OTTAWA, AUG, 1970, NO 128

PERIGLACIAL ENVIRONMENT

GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS, MONTREAL, 1969, QE697P3

PERMAFROST

ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEARCH, ICE SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
AIRBORNE RESISTIVITY MAPPING OF PERMAFROST NEAR FAIRBANKS, ALASKA, P HOEKSTRA, ET AL, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, SEPT 1974, RESEARCH REPORT 324
AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL
FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IGL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
ANALYSIS OF CASING BUCKLING+SURFACE CASING CEMENT REQUIREMENTS, R H G MILLAR, I O L PROD RES + TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-12ME-74
ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957
ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIPONAKA, U S NAVAL FACILITIES ENGINEERING COMMAND, JUNE 1974, AD 782 580
ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYM ON REMOTE SENSING UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969 G601A8
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILL, MD, 1963 ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.
ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349
ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO HUMBLE MISC REPORT MAY 6, 1971
ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER 1974, P BOX 2698
ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74
ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA, RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631
ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY OCT 26-27, 1970, APOA-70-1
ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, BY C DUNCAN, I O L PROD RESEARCH AND TECH SERVICES, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 4
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERV DEPT, QUARTERLY PROJECT RPTS, V 2, NO 2, FEB-APR 1969, PAPER NO 5

PERMAFROST

- ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES
DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5
- ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH & SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC
AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576A7
- ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BORNEAL INSTITUTE FOR NORTHERN
STUDIES AND UNIVERSITY OF ALBERTA, E02666
- ARCTIC TASK FORCE - PROGRESS REPORT NO 1, BY THE ARCTIC ENGINEERING GROUP, DEVELOPMENT DEPT
I O L PROD DEPT, EDMONTON, AUG 1969, IPRE-21ME-69
- ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
- ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRAG PROBLEM IN TAGLU PROD WELLS
R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74
- AUGER DRILLING FIELD TESTS, ALYESKA PIPELINE SERVICE COMPANY, OCTOBER 30, 1972, PLR 142-023
- AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G506J2M9
- BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY
G B DSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252
- BENCH MARKS IN PERMAFROST AREAS BY G H JOHNSTON, NATL RESEARCH COUNCIL, CAN, DIV OF BLDG
RESEARCH, TECH PAPER 134, FEB 1962
- BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
- BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR
FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
- BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, VOL 28 PART 1, U S ARMY COLD REGIONS RES
AND ENGINEERING LAB, JULY 1974, CRREL RPT 12
- BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E
CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH REPT 266
- BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH
COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
- BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
- CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T
BALOPAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
- CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
- CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27
1972, EPR-MISC-JULY 1972
- CEMENT SLURRY COMPOSITION FOR USE IN PERMAFROST, C R CLARK, HUMBLE OIL + REFINING CO, JULY
1972.
- CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUCC, I O L PROD RESEARCH + TECH SERVICES
DEPT, JUNE, 1972, IPRT-6ME-72
- CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANDE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
- CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L
PERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FOR U S OFFICE OF NAVAL RES, MAY 1972, AD772549
- CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB,
AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
- CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND
EVALUATION DIVISION, SEPTEMBER, 1973, EPR-24EX.73

PERMAFROST

- CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA
P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
- CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS,
NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
- COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROCEEDINGS SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
- COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION
SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
- COMPACT SELF-CONTAINED GROUND TEMPERATURE RECORDER, BY G H JOHNSTON, NATIONAL RESEARCH
COUNCIL OF CANADA, DIV OF BUILDING RESEARCH, OTTAWA, NOV 1966, TECH PAPER NO 238
- COMPARISON OF OBSERVED AND CALCULATED GROUND TEMPERATURES WITH PERMAFROST DISTRIBUTION UNDER
A NORTHERN LAKE, BY BROWN, W G, ET AL, N R C OTTAWA, 1964, DIV BUILDING RES, TECH PAPER NO 185
- COMPREHENSIVE REPORT INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC AND SUBARCTIC REGIONS,
1945-1948, U S ARMY CORPS OF ENGINEERS, ST PAUL, MINN, JUNE 1950, MAIN REPORT
- CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY
CENTER, TECHNICAL TRANSLATION, 1970, AD745544
- CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
- CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-L, 1964
- CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMAN, U S ARMY COLD REGIONS
RES+ENG LAB, HANOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81
- CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, BY M ROMANOFF, NATIONAL
ASSOC OF CORROSION ENGRS, 1969 CONF, HOUSTON, TEX, PREPRINT NO 81, TA462N2
- CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, M ROMANOFF, 25TH ANN
NACE CONF, HOUSTON, MARCH 10-14 1969, PAPER NO 81, PRINT NO 839
- CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB
HANOVER, N H, JULY 1974, TECH RPT 252
- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R
ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
- DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZOUK, G H JOHNSTON, J J HAMILTON,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUDE, E W MARSHALL, A GOW
U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH RPT 60
- DEPTH OF OVERBURDEN COVER OVER PIPE + PILE ANCHORAGE TECHNICAL + COST CONSIDERATIONS, BY
NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, AUG 1974, E2518
- DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
- DESIGN OF LATERALLY LOADED PILES IN PERMAFROST, B LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72,
BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574
- DESIGN PARAMETERS FOR A ROTARY EXCAVATING ATTACHMENT, M MELLOR, U S ARMY COLD REGIONS RES+ENG
LAB, HANOVER, N H, CRREL TECH NOTE SEPT 1972
- DESIGN PROBLEMS OF FLOWING GAS PIPELINE TEMPERATURE IN PERMAFROST, G W WALKER + J M STUCHLY
PRESENTED AT 74TH ANNUAL MTG OF THE AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 1973, PRINT 4977
- DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTRO
MAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S OFFICE OF NAVAL RES, APR 1972, AD770902
- DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAG
NETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902
- DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M
FELDMAN, PROTSESSY TEPLI I MASSOGBMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777
- DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATION
FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
- DIKES ON PERMAFROST, PREDICTING THAW AND SETTLEMENT, BY W G BROWN, G H JOHNSTON, NAT RESEARCH
COUNCIL, OTTAWA, 1970, DIV OF BUILDING RESEARCH, RES PAPER NO 451
- DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH
AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C

PERMAFROST

- DISTRIBUTION OF PERMAFROST AND ITS RELATION TO AIR TEMPERATURE IN CANADA AND IN THE U S S R
BY R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1960, DIV BUILDING RES, RESEARCH PAPER 112
- DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP
AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
- DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARMANZIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2
- DYKES ON PERMAFROST, KELSEY OPERATING STATION, MANITOBA, BY G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, 1969, RES PAPER NO 390
- EARTHS PERMAFROST BEDS, N A GRAVE, PERMAFROST AND ANCIENT GLACIATION, I P GERASIMOV,
DEFENCE RESEARCH BOARD T499R, JULY 1968, P BOX 2475
- EFFECT OF DISTURBANCE ON PERMAFROST TERRAIN, BY J BROWN ET AL, U S ARMY COLD REGIONS RESEARCH
AND ENGINEERING LAB, HANOVER, NOV 1969, AD 699,327, CRREL SPECIAL REPORT 138
- ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY
DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065
- ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH
ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
- ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QB8306
- ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL
PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
- ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY
FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NOR-X-32
- ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON
ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241
- EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY
MAY 1, 1975, EPR.6PR.75
- EXCAVATIONS IN FROZEN GROUND - CRITICAL DEPTH SHOTS - 100 AND 50 LB - IN FORT CHURCHILL TILL
R BENERT, U S ARMY COLD REGIONS RESEARCH LAB, JAN 1961, TECH REPT 79, AD652,715
- EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961
- EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV,
ET AL, RAZVEDKA I OKHRANA NEDR 24, NO 10, P 45-43, 1958, TRANSL A T S RJ-1770
- EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERVICE LAB, CALGARY, AUG-
OCT 1969, QUARTERLY PROJECT REPORT, V 2, NO 4, PAPER 5
- EXPERIMENTAL GRAVIOLOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCR-3S-72
- EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY
R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
- EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL,
NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
- EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
- EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1,
HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
- FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D
THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TAT10S65
- FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH
COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRO BULLETIN 111
- FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
- FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA,
W SLUSARCHUK, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V19 GEOTECH STUD 18-4, E 1566
- FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN +
PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F

PERMAFROST

- FIRST MEETING OF THE CANADA-USSR SUBGROUP EQUIPMENT AND TECHNOLOGY FOR DRILLING IN NORTHERN AND PERMAFROST AREAS, CALGARY, MARCH 16-28, 1973, AGENDA IN RUSSIAN AND ENGLISH, TN871.2C16P
- FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV, N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257
- FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
- FOUNDATION DESIGN, INTERIM REPORT BY NORTHERN ENGINEERING SERVICES LTD, FOR CANADIAN ARCTIC GAS STUDY LTD, JULY 1974, E2510
- FOUNDATIONS AND BASES ON PERPETUALLY FROZEN GROUND, BY V VODKUCHAYEV, U S DEPT OF COMMERCE, 1963, AD 711909
- FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JJNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
- FREEZING OF PEATLAND, R J BROWN, G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, DECEMBER 1972, TECH PAPER 381
- FROST CRACKS, FROST FISSURES AND RELATED POLYGONS, LIT SUMMARY, BY J DYLIK, G C MAARLEVELD MEDEDELINGEN GEOL STICHTING NIEUWE SER 18, P 7-23, MAASTRICHT, HOLLAND, 1967, PRINT NO 686
- FUNDAMENTAL CONCEPTS FOR THE RAPID DISENGAGEMENT OF FROZEN SOIL, PHASE 1, FOSTER-MILLER ASSOC INC FOR U S ARMY, CORPS OF ENG, COLD REGIONS RES+ENG LAB, HANOVER, MAY 1973, CREL TR 233
- GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, M/MC-8
- GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE, MVPLRL 72, MVPL FEAS STUDY, 72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567
- GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
- GEOLOGICAL RECONNAISSANCE REPORT P. 6 N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
- GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QET0157
- GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- GEOLOGY OF U S A CREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, V H, JULY 1967, AD 660,310, CREL TECHNICAL REPORT 199
- GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, Q196N7K3
- GEOTECHNICAL ASPECTS OF SOIL PIPE INTERACTION AT SINGLE FIELD BENDS, BY NORTHERN ENGINEERING SERVICES FOR CANADIAN ARCTIC GAS STUDY LTD, JUNE 1974, E2520
- GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
- GEOTECHNICAL STUDIES OF PERMAFROST IN THE FORT GOOD HOPE-NORMAN WELLS REGION, NWT, R M ISAACS CANADA DEPT ENVIRONMENT, TASK FORCE ON NORTHERN OIL DEV, OTTAWA 1974, E02645, RPT 74-16
- GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LEONOFF, ALBERTA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+VAL, RPT NO 1-5, E 1296
- GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
- GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, ICL ARCTIC COORDINATION, PARTS A AND B, IPRC-7ME-70
- GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT TRANSLATION, NAKA, 1959, P172-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221
- GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
- GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967

PERMAFROST

- GROUNDWATER IN PERMAFROST REGIONS - AN ANNOTATED BIBLIOGRAPHY, BY J R WILLIAMS, U S G S
WATER-SUPPLY PAPER 1792, WASHINGTON, 1965
- GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET
RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
- GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H
JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
- GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION
A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, Q6615
- HEAT EXCHANGE BETWEEN PERMAFROST+THE ATMOSPHERE IN THE PRESENCE OF A VEGETATION COVER, V BAL
UBAEV, NATL RES COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, 1973, N R C TECH TRANS 1670
- HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY
OF FROZEN ZONES OF EARTH'S CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
- HIGHWAY SUBSIDENCE FROM PERMAFROST, BY G E JOHNS, A S C E SYMPOSIUM COLD REGIONS ENGINEERING,
UNIVERSITY OF ALASKA, AUG 17-19, 1970, P170-193, TA24A5A6
- HOT LAKES IN PERMAFROST, A S FOMICHEV, PRIRODA NO 4, 1969, RUSSIA TRANSLATION R-230
- HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970
USGS MISC
- HYDRATE FORMATION IN PERMAFROST GAS STRATUM, Y F MAKOGON, TRANSL FROM GAZ PROM NO 5, 1965,
RUSSIAN TRANSL R-314
- HYDROGEOLOGICAL CONSIDERATIONS IN NORTHERN PIPELINE DEVELOPMENT, R L HARLAN, TASK FORCE ON
NORTHERN OIL DEVELOPMENT, OTTAWA, NOV 1974, E2680, RPT 74-26
- HYDROLOGIC EFFECTS OF FROZEN GROUND, LITERATURE REVIEW + SYNTHESIS, S L DINGMAN, U S ARMY
COLD REGIONS RESEARCH + ENGIN LAB, MAR 1975, SPECIAL REPORT 218
- ICE DISTRIBUTION IN PERMAFROST PROFILES, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA
1968, DIV OF BUILDING RESEARCH PAPER 371
- ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, A W GELL, MA THESIS, UNIVERSITY OF BRITISH
COLUMBIA, AUGUST 1973, QH100G3
- ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH
COLUMBIA, AUGUST 1973, TA710G3
- ICE WEDGE CRACKING AND RESULTING EFFECTS IN PIPELINES BURIED IN PERMAFROST, BY G R KNIGHT,
A S C E SYMPOSIUM COLD REGIONS ENG, UNIV ALASKA, AUG 17-19, 1970, P 383-395, TA24A5A6
- INSTALLATION OF PILES IN PERMAFROST, F F KITZE, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECT
LAB, BOSTON, SEPT 1957, AD712 650, MISC PAPER 18
- INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE,
RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANDOVER, JAN, 1972, CRREL TRANSL TL 291
- INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE
(SN-353-65), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, IT - 1547
- INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
- INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL
72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-3, E 1577
- INTERIM REPORT ON LOAD TESTS OF PILES IN PERMAFROST, K A LINELL, U S ARMY ARCTIC CONSTRUCTION
AND FROST EFFECTS LAB, BOSTON, 1954, AD712 568, TECH REPT 58
- INTERIM REPORT ON THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN AND THAWED PERMAFROST FROM THE
INUVIK AREA FOR MACKENZIE VALLEY PL RES, NATIONAL RESEARCH COUNCIL CAN, 1972
- INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA,
W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUD 18-3, E 1565
- INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL,
U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694, 120
- INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
OE515L39
- INUVIK HANGAR INSTRUMENTATION OF A SUBFLOOR LAID OVER PERMAFROST, L W WHITMER, PROD RES+TECH
SERV LAB, APRIL 1974, CALGARY, ALTA, IPRT-8ME-74

PERMAFROST

- INUVIK TEST FACILITY, FINAL REPORT, VOL 1-EXECUTIVE SUMMARY, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 1
- INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
- INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
- INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN & SUPPL BY D W BOYD, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
- INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245
- INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC, SUBARCTIC REGIONS, TPEES OF INTERIOR ALASKA THEIR SIGNIFICANCE AS PERMAFROST INDICATORS, E G STJECKELER, US ARMY ENG ACCEL, 1952, TR-39
- LABORATORY TESTING AND CHARACTERIZATION OF PERMAFROST FOR FOUNDATION USES, J A SCHUSTER, ASCE SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 73-118, TA24A5A6
- LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREOSCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED J D MOLLARD, REGINA, 1974, TA59347
- LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUČEC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10
- MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
- MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406
- MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
- MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969
- MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTH'S CRUST, PT 1-4, THERMO-TECHNICAL CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI O MERZLYCH.. TRANSL R-118
- MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUK PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73
- MEASUREMENT OF FROST HEAVING FORCES ON PILES, F E GRORY AND R E REED, U S ARMY COLD REGIONS RESEARCH AND ENG LAB, OCTOBER 1965, TECHNICAL REPORT 145, AD 484 955
- MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648
- MECHANICS OF THERMAL CONTRACTION CRACKS AND ICE-WEDGE POLYGONS IN PERMAFROST, BY A H LACHENBRUCH, GEOLOGICAL SOCIETY OF AMERICA, NEW YORK, 1962, G8642L3
- MECHANISM OF FROZEN GROUND, N A TSYTOVICH, G K SWINZOW, EDITORS, TRANSLATED FROM RUSSIAN, MCGRAW-HILL, 1975, TA713TB
- MERCURY IN PERMAFROST REGIONS, OCCURRENCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43
- METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN D I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N P C TT-1709
- MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL, ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR.109PS.75
- NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS DIV, DECEMBER 1973, EPR.43PP.73
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- NORTH AMERICAN CONTRIBUTION, PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK, U S S R, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, TA71016
- NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
- NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN, 1973, OC320.2L1
- NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2

PERMAFROST

- OBSERVATIONS OF PART OF THE PIPELINE DITCHING TESTS IN PERMAFROST, FAIRBANKS, ALASKA, BY T G WATMORE, I O L EDMONTON DEVELOP DEPT, MARCH 1969, IPRE-13ME-68
- OBSERVATIONS ON BREAK-UP IN THE MACKENZIE RIVER AND ITS DELTA IN 1954, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH PAPER NO 45, OCT 1957
- OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRY'S CONCERN FOR THE ENVIRONMENT, AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
- OIL MIGRATION UNDER PERMAFROST CONDITIONS, BY A P RAKPOTV, TRANSLATED FROM RUSSIAN BY H GREULICH, 1965
- OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY O C BAPTIST, U S BUREAU OF MINES R I 5642, 1960
- OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVEL, JAN 1974, E2118, RPT 73-43
- OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
- PALAEOBOTANICAL METHOD IN PREDICTION OF SUB-SURFACE SUMMER ICE CONDITIONS BY NORMAN W RADFORTH NATL RES COUNCIL, CAN, ASSOCIATE COMM ON SOIL...TECH MEMO 34, MARCH 1955
- PARTICULARITIES IN CALCULATION OF GAS RESERVES FOR GAS FIELDS IN PERMAFROST REGIONS, BY Y F MAKOGON, FROM NAUCH TEKH SB SER-GAZ DELO NO 7/VI, 1965, RUSSIAN TRANSL R-329
- PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS, MONTREAL, 1969, QE697P3
- PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959
- PERMA FROST DITCHING TEST FOR TRANS-ALASKA PIPELINE SYSTEM, D J MOORE, PIPELINE TECHNOLOGISTS INC, ALYESKA PIPELINE SERVICE COMPANY, APRIL 7, 1969, PLR 142-001
- PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
- PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
- PERMAFROST AND FROZEN SUB-SEA BOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APDA PROJECT 37, E3022, BSP-22
- PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T L, PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY P BOX 1996
- PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
- PERMAFROST AS AN ECOLOGICAL FACTOR IN THE SUBARCTIC, BY R J E BROWN, NATIONAL RES COUNCIL OTTAWA, 1970, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 313
- PERMAFROST ASPECTS OF HUDSON BAY RAILROAD, BY J L CHARLES, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG. RES, TECHNICAL PAPER NO 94, OTTAWA, 1960, 11P
- PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IOL, CALGARY 1953, HC117H3
- PERMAFROST DRILLING WITH REFRIGERATED FLUIDS, BY N M KLJUCFC, L R LIPSETT JR, I O L PROD RES+ TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5, NO 1-2, JUNE, 1971 P 11-13
- PERMAFROST EROSION ALONG THE BEAUFORT SEA COAST, R J LEWELLEN, UNIVERSITY OF DENVER, MAR 1970 P BOX 2319, M/L-3, NO 711
- PERMAFROST HYDROLOGY, CANADIAN NAT'L COMMITTEE, THE INTERNATIONAL HYDROLOGICAL DECADE, PROC OF WORKSHOP SEMINAR, ENVIRONMENT CANADA, OTTAWA, 1974, TC5C1
- PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF TORONTO PRESS, 1970, 234P, HC117N5B7
- PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
- PERMAFROST IN THE MACKENZIE DELTA, NORTHWEST TERRITORIES, M W SMITH, GEOLOGICAL SURVEY OF CANADA, 1976, E3083, G S C PAPER 75-28
- PERMAFROST INVESTIGATION IN CANADA, R F LEGGET, H B DICKENS, R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1961, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 122
- PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954

PERMAFROST

- PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158
- PERMAFROST INVESTIGATIONS IN NORTHERN ONTARIO AND NORTHEASTERN MANITOBA, BY R J E BROWN NATIONAL RES COUNCIL OF CANADA, DIV BUILDING RES, OTTAWA, 1968 TECHNICAL PAPER NO 291
- PERMAFROST INVESTIGATIONS IN QUEBEC AND NEWFOUNDLAND-LABRADOR, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RES, DEC 1975, TECHNICAL PAPER NO 449
- PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
- PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
- PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175
- PERMAFROST MAP OF CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, OTTAWA, 1968, NRC 10326, OBR TECH PAPER 277
- PERMAFROST RESEARCH, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 40, 1954
- PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION, RES AND INSTRUMENTATION, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BUILDING RES, TECH PAPER NO 178, MAR 1965
- PERMAFROST TERMINOLOGY, R J E BROWN AND W O KUPFCH, NATIONAL RESEARCH COUNCIL OF CANADA, DEC 1974, TECHNICAL MEMORANDUM NO 111
- PERMAFROST WHY THE MYSTERY, BY H R LEE ET AL, A S C E SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 1-11, TA24A5A6
- PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT CALGARY, JULY 1970, IPRC-11MIR-70
- PERMAFROST, PART 1, GENERAL STUDIES, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE, JAN 1975, PS-75/197
- PERMAFROST, PART 2, STRUCTURAL ENGINEERING, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE JAN 1975, PS-75/198
- PERMAFROST, PERENNIALY FROZEN GROUND, S RUSSEL STEARNS, U S ARMY COLD REGIONS RESEARCH + ENG AUG 1966, CRREL MONOGRAPH 1-A2
- PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+VAL, RT1-3, E1294
- PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 319
- PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965
- PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
- PILE FOUNDATIONS IN DISCONTINUOUS PERMAFROST AREAS, BY F E CRODY, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, MARCH 1967, AD 814,700, CRREL SPECIAL REPORT 79
- PILE FOUNDATIONS IN THERMALLY FRAGILE FROZEN SOILS, BY J M MILLER, A S C E SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 35-72, TA24A5A6
- PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA, TECHNICAL TRANSLATION 1401, 1970
- PINGOS OF THE PLEISTOCENE MACKENZIE DELTA AREA, BY J ROSS MACKAY, DEPT OF MINES + TECH SURVEY GEOGRAPHICAL BR, GEOG BULL 18 P21-63 NOV 1962, M/MC-3
- PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, BY W H PEARN, PAPER PREPARED FOR THE AMER SOC OF MECH ENGRS 25TH PETROLEUM MECH ENGRS CONF, DENVER, COLO, SEPT 14, 1970, PRINT NO 751
- PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRC-4ME-68
- PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT CALGARY, JUNE 1966, REPORT NO IPRC-4M1-66
- PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL TECHNICAL CONFERENCE, 1970, P BOX 2551
- POLAR WORLD, BY P O BAIRD, WILEY, NEW YORK, 1964, G5878163

PERMAFROST

POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM
REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516
POTENTIALITIES OF THE NORTHWEST, AN ENGINEERING ASSESSMENT, BY R F LEGGETT, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 65, MAY 1959
PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS,
A R TICE, ET AL, U S ARMY GOLD REGIONS RESEARCH + ENG LAB, APRIL 1976, GREL REPORT 76-8
PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF
BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
PRELIMINARY CASING DOWNDRAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973,
LAR REPORT NO L-42273
PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER
ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28
PRINCIPLES OF MECHANICS OF FROZEN GROUND, N A TSYTOVICH, M I SUZGIN, U S ARMY CORPS OF ENGIN
SNOW ICE + PERMAFROST RESEARCH EST, WILMETTE ILL, APRIL, 1959, TRANSLATION 19
PROBLEMS OF PIPELINE CONSTRUCTION UNDER ARCTIC CONDITIONS, A FEINGOLD, PAPER PRESENTED 74TH
NATIONAL MTG OF AMER INST OF CHEM ENG, NEW ORLEANS, MAR 11-13, 1973, AIChE PRINT 4978, E02462
PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E
BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
T C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M
BROSCE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE8445
PROCEEDINGS OF THE PETROLEUM-ALUMINIUM INDUSTRY ARCTIC TECHNOLOGICAL EXCHANGE MEETING, NOV
1970, CALGARY, ALTA, SPONSORED BY DEPT OF INDUSTRY, OTTAWA, PRINT NO 791
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1969, V 3, UNIV TORONTO PRESS, 1966, TA71015
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-
LINE RESEARCH PROJECT 483, BY T G WATMORE, I O L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB
STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE,
PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968
PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD,
J W GRAINCE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS
ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666
RECOGNITION OF NATURALLY OCCURRING GAS HYDRATES IN ARCTIC NORTH AMERICA, J W MULHOLLAND
EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.31EX.75
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO,
BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138
REPORT ON PERMAFROST SURVEYING MANCHURIA, 1943, U NAKAYA, J SUGAYA, NATIONAL RESEARCH COUNCIL
OF CANADA TECHNICAL TRANSLATION TT-382, 1953
REPORT ON THE GEOTECHNICAL SCIENCES TO SOLID-EARTH SCIENCE STUDY GP OF THE SCIENCE COUNCIL OF
CANADA, NATIONAL RESEARCH COUNCIL CAN, OTTAWA, JUNE, 1969, TECH MEMO NO 95
RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL
ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT821

PERMAFROST

- REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR-31PR.75
- REVIEW OF PERMAFROST INVESTIGATIONS IN CANADA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 146, DEC 1962
- REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-4MG-59
- ROLE OF CENOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 66-72, RUSSIAN TRANSL R-255
- ROLE OF PERMAFROST FACTORS IN THE DYNAMICS OF BOTTOM TOPOGRAPHY IN POLAR SEAS, YE V KLYUYEV, OCEANOLOGY, ACAD SCI, USSR, V 5, NO 5, 1965, P 78-83, RUSSIAN TRANSLATION R-256
- ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
- ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
- RUSSIAN-ENGLISH GLOSSARY OF PERMAFROST TERMS, V POPPE + R J E BROWN, ASSOCIATE COMMITTEE ON GEOTECHNICAL RESEARCH, OTTAWA, APRIL 1976, NATIONAL RESEARCH COUNCIL OF CANADA, TECH MEM 117
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016
- SEGREGATED EPIGENETIC ICE AND SLUMPS IN PERMAFROST - MACKENZIE DELTA AREA, N W T, BY J R MACKAY, GEOGR BR, CANADA DEPT OF MINES + TECH SURVEYS, OTTAWA, 1966, M/MC-5
- SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4, GEOPHYSICS, U S G S PROFESSIONAL PAPER 304-4, WASHINGTON, 1962.
- SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
- SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,725
- SELECTED REFERENCES ON PERMAFROST, AND RELATED ENGINEERING PROBLEMS IN ALASKA, O J FERRIANS, U S GEOLOGICAL SURVEY, SEPT 1969
- SETTLING OF THAWING GROUND, V F ZHUKOV, U S ARMY COLD REGIONS RES AND ENG LAB, JULY 1972 AD748 157, DRAFT TRANSLATION 355
- SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV SPECIAL REPORT, MARCH 1, 1973, EPR-10PR.73
- SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 127, AUG 1961
- SNOW, ICE AND PERMAFROST IN MILITARY OPERATIONS, R F FLINT, U S ARMY SNOW, ICE AND PERMAFROST RESEARCH ESTABLISHMENT, WILMETTE, ILLINOIS, SEPT 1953, CRREL TECH RPT 15
- SOIL SAMPLING IN PERMAFROST AREAS, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 155, JULY 1963
- SOME ASPECTS OF AIRPHOTO INTERPRETATION OF PERMAFROST IN CANADA, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, 1974, NRC TECHNICAL PAPER NO 409
- SOME ASPECTS OF NATURAL SLOPE STABILITY IN PERMAFROST IN RELATION TO APPLICANTS PROPOSED PIPE LINE, BY NORTHERN ENG SERVICES LTD FOR CANADIAN ARCTIC GAS LTD, OCT 1974, E2512
- SOME ASPECTS OF THE INTERRELATIONSHIP OF PERMAFROST AND TUNDRA BIOTIC COMMUNITIES, BY W O PRUITT, CONF ON PRODUCTIVITY + CONSERV IN NORTH CIRCUMPOLAR LANDS, EDMONTON, OCT 15-17, 69
- SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DURNIE, CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN MR 38.
- SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN, NATIONAL RESEARCH COUNCIL CAN, DIV BUILDING RES, RES PAPER 233, NOV 1964
- SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
- SOME PECULIARITIES OF FOUNDATIONS UNDER OCCUPIED BUILDINGS IN THE NORTHERN PORTIONS OF THE PERMAFROST ZONE, V F TUMMEL, U S ARMY CORPS OF ENGINEERS, 1946, AD 712,854 O
- SOVIET GEOGRAPHY, REVIEW AND TRANSLATION, JUNE 1970, AMERICAN GEOGRAPHICAL SOCIETY, TRANSL R-233

PERMAFROST

- STABILIZATION OF SOILS + STRUCTURES BY PASSIVE HEAT TRANSFER DEVICES, F D WATERS, PRESENTED AT AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 11-15, 1973, AIChE PRINT NO 4980
- STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- STRATIGRAPHY OF THE MACKENZIE RIVER DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1965, DIV BUILDING RES, RES PAPER NO 235
- STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474
- STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND W H PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
- STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14
- STUDY OF FROZEN SEABED MATERIALS IN SOUTHERN BEAUFORT SEA, J A HUNTER ET AL, G S C, BEAUFORT SEA PROJECT INTERIM REPORT F1, DEC 1974, E02494
- STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY V A SIDOROVSKII, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
- SUBJECT AND AUTHOR INDEX OF UNCLASSIFIED DOCUMENTS, ARCTIC ENVIRONMENTAL INFORMATION CENTER NEWSLETTER NO 1, E P R CO OFFSHORE OPERATIONS DIV, 1970
- SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
- SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297
- SURFACE HEAT EXCHANGE AND PERMAFROST, G P WILLIAMS, NATIONAL RESEARCH COUNCIL CAN, ASSOCIATE COMMITTEE ON GEOTECHNICAL RESEARCH, 1971, N R C TM 103 18-12
- SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
- SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1191-K, WASHINGTON, 1964
- SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-APEA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964
- SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV TURBOPROVOODV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
- SYSTEM FOR PROTECTING PERMAFROST FROM THE THERMAL EFFECTS OF A HOT PIPELINE, DOW CHEMICAL CO ALYESKA PIPELINE SERVICE COMPANY, UNDATED, PLR 142-090
- TAGU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-ZME-76
- TAZOVSKOE-NORILSK GAS LINE - THE WORLD'S NORTHERN MOST GAS TRUNK LINE, BAONOVSKI, A K TRANSL FROM STROITELSTVO TRUBOPROVOODV, NO 8, AUG 1964, 6-8 P, TRANSL R-101
- TEMPERATURE FIELD EFFECT ON THE DISTRIBUTION OF SEISMIC VELOCITIES IN THE PERMAFROST ZONE, BY F F APTIKAEV, AKAD NAUK SSSR SIBIR OTD-IE INST MERZLOTGOVEDENIIA, 1964, PI90-99, TRANSL R-259
- TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322
- TEXACO PERMAFROST DENSITY LOGGING RPT, L P O'CONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972, MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564
- THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MCGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
- THAWING OF THE PERMAFROST AROUND AN OPERATING WELL, BY B A KRASOVITSKII, TRANSL FROM IZV VYSSH UCHEB ZAVEDENII NEFT GAZ, NO 9, 1970, RUSSIAN TRANSL R-307
- THE EFFECTS OF PERMAFROST, GAS HYDRATES AND PAST CLIMATIC REGIMES ON GEOTHERMAL GRADIENTS, BY W J SANDERSON, I O L EDMONTON NORTH EXPL DIST, MARCH 1971, IPRNWT-2MG-71
- THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STNS+TERM, COMMUN, RPT 18-6, E1568
- THERMAL CONTRACTION CRACKING IN ARCTIC SOILS - A MODEL STUDY FINAL REPORT, INSTITUTE OF ARCTIC ENVIRON ENG, UNIV OF ALASKA, JULY 1969, TRANS ALASKAN PIPELINE PROJECT, E 2139
- THERMAL EFFECTS IN PERMAFROST, L W GOLD ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376

PERMAFROST

- THERMAL EROSION PROBLEMS IN PIPELINING, BY T G WATMORE, I O L PROD DEPT, MS REL TO OIL INDUSTRIES, PREPRINT NO 648
- THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-TEKH SB SER GAZOVOE DELO, NO 7, 1970, RUSSIAN TRANSL 2-305
- THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESON, I O L SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPAC-9M1R-74
- THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH, U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B
- TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
- TRANSIENT FLOW STUDY - PREDICTION OF THERMAL RESPONSE DURING WARM WATER TESTING OF PIPELINES, BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, MAY 1974, E2517
- TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657
- TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLOC RESEARCH TECHNICAL PAPER NO 113, DEC 1960
- TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555
- TRENCHING ON SHORE AND IN THE OCEAN IN ARCTIC REGIONS - STATE-OF-THE-ART SURVEY, U S NAVAL CIVIL ENGINEERING LABORATORY, MARCH 1974, AD 777 046
- TRIAxIAL CONSTANT STRAIN RATE TESTS AND TRIAXIAL CREEP TESTS ON FROZEN OTTAWA SANDS, FRANCIS H SAYLES, AUGUST 1974 CRREL TECH REPT 253
- TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NO 755, M/R-4
- USING SEISMIC REFLECTION TECHNIQUE IN THE VILYUT SYNOCLINE, A E SHUTKIN, RAZVED GEOFIZ, NO 21, 1967, P16-32, RUSSIAN TRANSLATION R-231
- VELOCITY APPLICATION IN NORTH SLOPE ALASKA, D J NELPOVICH, IN EPRCD VELOCITY SYMPOSIUM FEBRUARY 23-27, 1976, EPR-15EX-76
- VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MWPLPL, 1972, MWPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERMINALS, 18-10, E 1572
- WASTE DISPOSAL AND TREATMENT IN PERMAFROST AREAS, A BIBLIOGRAPHY, BY M PENNIGRASS, DEPT OF INTERIOR, WASHINGTON, DC, MAR 1971, PB 198,988
- WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLOC RES TECH PAPER NO 80, AUG 1959
- WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W FULHOLLAND SUPPLEMENT TO EPR-31EX-75, EPRCD RESERVOIR EVALUATION DIVISION, JULY 1975, EPR-36EX-75
- WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N H KLJUECE, L W WHITNER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73
- WELLHEAD AND CONDUCTOR-CASING INTEGRITY, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-15ME-74
- WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL 62 NO 1, MARCH 1972, P 1-22, PRINT R15
- 1970 BOTTOM SAMPLING PROGRAM, SOUTH COAST OF BEAUFORT SEA, MACKENZIE BAY TO LIVERPOOL BAY NWT REPORT TO IOL BY GOLDER BRAWNER ASSOCIATES, JULY 1970, GOLDER-BRAWNER-70-1

PERMAFROST CORES

- DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH SERV, NOVEMBER 1973, LAB REPORT NO L-60573
- DEEP PERMAFROST CORING, A PROJECT SUMMARY, VOL 1+2 (2 AT PRATS ONLY) C C BONBARDIERI, I O L PROD RES + TECH SERV DEPT, CALGARY, MARCH 1974, IPRT-1ME-74
- EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION R-420
- GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12M1R-72
- INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MWPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, CONN, OPER+MAINT, 18-18, E 1580
- INVESTIGATION OF CORE DRILLING IN PERENNIAL FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY COLD REGIONS RES + ENG LAB, MANOWAR, DECEMBER 1973, CRREL TR 245

PERMAFROST CORES

ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR
MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MYPL-1973-4

PERMAFROST DISTRIBUTION

CANADIAN GEOTHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND
A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOTHERMAL SERIES 1
CANADIAN GEOTHERMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT
OF ENERGY, MINES AND RESOURCES, 1975, GEOTHERMAL SERIES NO 3
EARTHS PERMAFROST BEDS, N A GRAVE, PERMAFROST AND ANCIENT GLACIATION, I P GERASIMOV,
DEFENCE RESEARCH BOARD T499R, JULY 1968, P BOX 2475
FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D
THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TA710565
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY D J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 673
PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N587
PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN
DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
PERMAFROST INVESTIGATIONS IN QUEBEC AND NEWFOUNDLAND-LABRADOR, R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, DIVISION OF BUILDING RES, DEC 1975, TECHNICAL PAPER NO 449
PERMAFROST-DISTRIBUTION AND RELATION TO ENVIRONMENTAL FACTORS IN THE HUDSON BAY LOWLAND,
R J E BROWN, NATIONAL RESEARCH COUNCIL, CANADA, 1973, NRC RES PAPER 576
PERMAFROST, PERENNIALY FROZEN GROUND, S RUSSEL STEARNS, U S ARMY COLD REGIONS RESEARCH + ENG
AUG 1966, CRREL MONOGRAPH 1-A2
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF
SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E
BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPPE-1ME-69
PROPOSAL FOR A STUDY OF THE GEOMETRY STRUCTURE AND DISTRIBUTION OF PERMAFROST BY ELECTRICAL
PROSPECTING METHODS, GEOTERREX LTD, OTTAWA, OCT 1971, GEOTERREX-71-1
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS,
TA71016
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3,
TA71016
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963
USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER
MSc THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6

PERMAFROST ENGINEERING

APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI,
IDL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
ARCTIC DEVELOPMENT AND PRODUCTION SYSTEMS, BY N KLJUCEG, A S TELFORD, L W WHITMER, I O L PROD
RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V4 NO 2 23P
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRODY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IDL PRODUCTION
RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73

PERMAFROST ENGINEERING

- CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUČEC, I O L PROD RESEARCH + TECH SERVICES
DEPT, JUNE, 1972, IPRT-6ME-72
- CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION
SERVICE, FEB 1972, P BOX 2590
- COLD STORAGE SYSTEMS FOR APPLICATIONS TO OIL PIPELINES IN PERMAFROST REGIONS - A SUMMARY RPT
THERMO-DYNAMICS INC, ALYESKA PIPELINE SERVICE COMPANY, MAY 1971, PLR 142-128
- CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY
CENTER, TECHNICAL TRANSLATION, 1970, AD745544
- CONSTRUCTION OF A WATER STORAGE DAM ON PERMAFROST AND DISCHARGE AND BLOCKING UP THE RIVER
DURING CONSTRUCTION ..., BY G F BIYANOV, NAT RES COUNCIL OF CANADA, 1969, TECH TRANSL 1353
- FREEZEBACK CONTROL AND PILE TESTING, KOTZERUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND
FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
- FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS
WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021
- HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
- INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP
FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057
- MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19, 20, 1972 AT
EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION
RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-096
- PERMA FROST DITCHING TEST FOR TRANS-ALASKA PIPELINE SYSTEM, D J MOORE, PIPELINE TECHNOLOGISTS
INC, ALYESKA PIPELINE SERVICE COMPANY, APRIL 7, 1969, PLR 142-001
- PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY O J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
- PERMAFROST DESIGN CRITERIA, H R PEYTON, FOR ALYESKA PIPELINE SERVICE CO, 1969, PLR 142-006
- PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E-BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N587
- PERMAFROST, PART 1, GENERAL STUDIES, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE, JAN
1975, PS-75/197
- PILE CONSTRUCTION IN PERMAFROST, G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION
OF BUILDING RESEARCH, OTTAWA, 1966, TECH PAPER 233
- PILE FOUNDATIONS IN DISCONTINUOUS PERMAFROST AREAS, BY F E CRODY, COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANDOVER, MARCH 1967, AD 814,700, CRREL SPECIAL REPORT 79
- PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARN, WILLIAMS BROTHERS ENGINEERING CO
PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174
- PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA
DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-8
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS
IN ENGINEERING GEOCRYOLOGY, BY N I SALTYSKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES
RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES
OF CONTROLLING INTERACTION..., BY G V PORKHAIEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF
MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217

PERMAFROST ENGINEERING

- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTYSKY, MOSCOW, 1959, NRC OTTAWA, TT-1215
- PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTYSKY, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND AIRFIELDS, BY G V PORKHAEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220
- PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION....BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN, NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404, 516-18
- REFRIGERATED DRILLING FLUID TESTS, BY D E VESCIARELLI, I O L CALGARY, ENGDEPT, 1970, IPRC-10ME-70
- REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH + ENGG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
- REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
- RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
- SELECTED REFERENCES ON PERMAFROST, AND RELATED ENGINEERING PROBLEMS IN ALASKA, O J FERRIANS, U S GEOLOGICAL SURVEY, SEPT 1969
- SHEAR STRENGTH OF FROZEN GROUNDS AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAIA, TRANSLATED FROM IZD-VO AKAD NAUK SSSR, P 3-108, 1963 FOR CRREL, 1965, AD 715,091 CRREL TL 115
- SOLUTION OF ENGINEERING PROBLEMS OF THE TAZOVSKOE-NORILSK GAS PIPELINE, BY V V SPIRIDONOV, STROIT TRUBOPROVOZOV 9 NO 10 3-6 1964, TRANSL A T S RJ-5778
- SOME ESTIMATES OF THE THERMAL EFFECTS OF A HEATED PIPELINE IN PERMAFROST, A H LACHENBRUCH, U S GEOLOGICAL SURVEY CIRCULAR 632
- SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8 1971, PLR 142-016
- STRENGTH INCREMENT OF CONCRETE POURED INTO HOLES DRILLED IN PERMAFROST, B I BEREZOVSKIY, O I PAVLENKO, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 317
- STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019
- SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR.1PR.74
- THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005
- THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH, U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B
- TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104

PERMAFROST FOUNDATIONS

- ADFREEZING AND FROST HEAVING OF FOUNDATIONS, E PENNER, K N BURN, CANADIAN BLDG DIGEST, N R C DIV OF BLDG RES, OTTAWA, AUG, 1970, NO 128
- APCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT CALGARY, FEBRUARY 1974, IPRC-4ME-74
- ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
- COMMENTS ON THE SOVIET PERMAFROST BUILDING CODE, BY W H BUTLER, A S C E SYMPOSIUM COLD REGION ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 474-482, TA24A546
- CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT, FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67

PERMAFROST FOUNDATIONS

- DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT
JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
- DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
- EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG
CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
- FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM
WOODWARD-LUNGGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
- FOUNDATION DESIGN, INTERIM REPORT BY NORTHERN ENGINEERING SERVICES LTD, FOR CANADIAN ARCTIC
GAS STUDY LTD, JULY 1974, E2510
- FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
- FOUNDATIONS AND BASES ON PERPETUALLY FROZEN GROUND, BY V VOOKUCHAYEV, U S DEPT OF COMMERCE,
1963, AD 711909
- FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
- FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS
WITH WINTER FROST AND PERMAFROST, J K NIELSEN, PAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021
- GUIDE FOR DESIGN AND CONSTRUCTION OF PILE FOUNDATIONS IN PERMAFROST, NATIONAL RESEARCH
COUNCIL OF CANADA TECH TRANSL 1314, BY R J E BROWN, 1968
- INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
- INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP
FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057
- INUVIK HANGAR INSTRUMENTATION OF A SUBFLOOR LAID OVER PERMAFROST, L W WHITMER, PROD RES+TECH
SERV LAB, APRIL 1974, CALGARY, ALTA, IPRT-8ME-74
- MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD
REGIONS RES+ENG LAB, HANOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
- MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648
- METHODOLOGY OF COMPARING THE ECONOMICS OF DIFFERENT CONSTRUCTION PROJECTS, V F ZHUKOV, NATL
RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, 1963, TECH TRANS 1064
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PERMAFROST AND FOUNDATIONS, G H JOHNSTON, CANADIAN BLDG DIGEST, N R C-DIV OF BLDG RES, OTTAWA
APRIL 1965, CANADIAN BLDG DIG NO 64
- PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T.L. PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY
P BOX 1996
- PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N597
- PILE FOUNDATIONS IN DISCONTINUOUS PERMAFROST AREAS, BY F E CRORY, COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANOVER, MARCH 1967, AD 814,700, CRREL SPECIAL REPORT 79
- PILE FOUNDATIONS IN PERMAFROST - A COMPILATION OF RECENT LITERATURE, BY J S TRUSWELL, I O L
SYSTEMS + INFORMATION SERVICES, APRIL 1973, IPRC-7MIR-73
- PRETHAWING FOR FOUNDATIONS IN PERMAFROST, R F REUSS, PAPER PREPARED FOR ASCE JOURNAL OF SOIL
MECHANICS + FOUND DIV, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-115
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS
IN ENGINEERING GEOCRYOLOGY, BY N I SALTYSKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES
RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF
ENGINEERING GEOCRYOLOGY - PERMAFROST STUDIES- BY N I SALTYSKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
- PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY
N I SALTYSKOV, G V PORKHAIEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266

PERMAFROST FOUNDATIONS

PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 79, JAN 1963, E 507-512
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON SOIL TECH RES TECH MEMO 96 SEP 92, E 624, 516-13
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LARAVILLE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, 1971J16
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY W A CLARE AND W N MCKAY, I O L PROD RES + TECH
SERV DEPT QUAR PROJECT REPT FEB-APR 1971 V 4 NO 2 35P
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY W A CLARE, I O L PROD RES AND TECH SERV LAB
QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, GOLD REGIONS RES + ENG
LAB, MANVOER, JUNE 1966, CRREL TECH RPT 150
REPORT ON GEOTECHNICAL RECOMMENDATIONS AND DESIGN CRITERIA, FOR BEAUFORT GAS PROJECT IMPROVED
OIL LIMITED TAGLUN W T, PREPARED FOR FLUOR CANADA LTD, R M MARON & ASSOC LTD, MANVOER-82-2
SOME PECULIARITIES OF FOUNDATIONS UNDER OCCUPIED BUILDINGS IN THE NORTHERN PORTIONS OF THE
PERMAFROST ZONE, V F TUNNEL, J S ARMY CORPS OF ENGINEERS, 1963, AD 312, 924 Q
STRENGTH INCREMENT OF CONCRETE Poured INTO HOLES DRILLED IN PERMAFROST, B E PEREKHODCHIKOV, D I
PAVLENKO, U S ARMY GOLD REGIONS SYSTEMS LAB, MANVOER, MARCH 1970, CRREL TRANSLATION 74 347
STRESS ANALYSIS FOR FOUNDATIONS IN PERMAFROST, BY NEMANIN VAK, A X 2 E 110000109 1000
REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-18, 1969, P 33, 100000000
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODES, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963
THAW SETTLEMENT IN ELEVATED PIPELINE SECTIONS OF TRANS-ALASKA PIPELINE SYSTEM VALUED TO YUKON
RIVER, HODDARD=LUNDGREN & ASSOC FOR ALYSSA PIPELINE SERV CO, JUNE 1969, CAN 140-1366
VIBRATORY PILE DRIVING AND CURING IN PERMAFROST, R W HUCK, U S ARMY CRREL, MANVOER N W NOV,
1969, TECHNICAL NOTE 69-1

PERMAFROST STUDIES

BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1973, MVPL FEASIBILITY
STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1308
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGL F-43, B P CHAFFIN ET AL, IOL PRODUCTION
RESEARCH & TECHNICAL SERVICE DEPT, CALGARY, 1973, IPR-2046-73
CONSERVATIVE DOWNDRAW ANALYSIS FOR TAGL PRODUCTION WELLS, R H O'NEILL, I O L PROD RES+TECH
SERV DEPT, DECEMBER 1973, IPR-2046-73
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE FARTHS CRUST, ISSUE 11, BY USSR
ACADEMY OF SCIENCES, MOSCOW, 1958, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, FT-1006
DETERMINATION OF SOME FROZEN & THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL
72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STAFF, 10-16, E1378
DEVELOPMENT & CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND
LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE
LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION 8-420
FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W F, M W SMITH, PH D
THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TAP10568
FIELD TESTS OF DEEP POWER-INSTALLED SCREEN ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN & THAWED PERMAFROST, INUVIK AREA,
W SLUSARCHUK, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUD, PL CON, 10-16, E 1500
GATHERING, HAND & PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, P GREENE,
MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUD, PL CON, 10-16, E 1507
GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRODIGE BAY AND MACKENZIE DELTA AREA
PT 1, BY K W REESEN, IOL S & T S, CALGARY, NOVEMBER 1972, IPR-1011A-72
GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN & J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, Q19661
INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, FT-1298

PERMAFROST STUDIES

- INSTUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
- INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUD 18-3, E 1565
- INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972
- IPRCEP-9MGP-72
- LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
- NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
- PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972, FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575
- PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-14, E 1576
- PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON, NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
- PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBRUCHEV INST OF PERMAFROST STUDIES, NATL RES COUN CAN-DIV OF BLDG RES, OTTAWA, 1969, TECH TRANS 1358
- PERMAFROST, PERENNIAL FROZEN GROUND, S RUSSEL STEARNS, U S ARMY COLD REGIONS RESEARCH + ENG AUG 1966, CRREL MONOGRAPH 1-A2
- PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 6, RPT NO 3-1, E 1144
- PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII + M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRYOLOGY, BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTUKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
- PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND AIRFIELDS, BY G V PORKHAEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220
- PRINCIPLES OF GEOCRYOLOGY, PT 1, GENERAL GEOCRY, CHAPT VIII, TEMPERATURE, THICKNESS AND DISCONTINUITY OF PERMAFROST, BY V A KUDRYAVTSEV, NAT RES COUNCIL, OTTAWA, 1965, NRC TT-1187

PERMAFROST STUDIES

- PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIALY FROZEN GROUND AND VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
- PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- PRINCIPLES OF GEOCRYOLOGY, PT 2, ENG GEOCRY, CHAPT XI, SPECIFIC FEATURES OF STRUCTURES IN PERMAFROST CONDITIONS, A I DEMENTEV, NAT RES COUNCIL, OTTAWA, DIV OF BLDG RES, 1966, TT-1232
- PROCEEDINGS OF A SEMINAR ON THERMAL REGIME AND MEASUREMENTS IN PERMAFROST 2 AND 3 MAY 1972 NATIONAL RESEARCH COUNCIL OF CANADA, OCTOBER 1973, TECHNICAL MEMORANDUM NO 108
- PROPOSAL FOR A STUDY OF THE GEOMETRY STRUCTURE AND DISTRIBUTION OF PERMAFROST BY ELECTRICAL PROSPECTING METHODS, GEOTERREX LTD, OTTAWA, OCT 1971, GEOTERREX-71-1
- RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT821
- RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2
- REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
- SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVELOP, SEPT 1973, RPT NO 73-16
- THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
- THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4

PERMAFROST SURVEYS

- EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY MAY 1, 1975, EPR-6PR-75
- INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPKCR-9MGP-72
- LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR FOR THE TASK FORCE ON NORTH OIL DEVELOP, OTTAWA, JULY 1973, REPORT NO 73-8
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- NORTH AMERICAN CONTRIBUTION, PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK, U S S R, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, TA71016
- PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBRUCHEV INST OF PERMAFROST STUDIES, NATL RES COUN CAN-DIV OF BLDG RES, OTTAWA, 1969, TECH TRANS 1358
- PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT CALGARY, JULY 1970, IPRC-11MR-70
- PERMAFROST, PART 1, GENERAL STUDIES, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE, JAN 1975, PS-75/197
- PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- PROPOSAL FOR A STUDY OF THE GEOMETRY STRUCTURE AND DISTRIBUTION OF PERMAFROST BY ELECTRICAL PROSPECTING METHODS, GEOTERREX LTD, OTTAWA, OCT 1971, GEOTERREX-71-1
- REPORT ON CO-SPONSORED PERMAFROST TEST SURVEY IN ARCTIC ISL + MACKENZIE DELTA USING GEOPROBE EMR-14 EM SYSTEM, M K GHOSH, P G HALLOF, MCPHAR GEOPHYSICS COMPANY, JULY 1974, MCPHAR-74-1
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
- USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER MSC THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6

PERMAFROST THICKNESS

- BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252
- DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOJLGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388

PERMAFROST THICKNESS

- EXPERIMENTAL RESULTS OF THE ELECTROSEISMIC EFFECT AS A PERMAFROST-THICKNESS MEASUREMENT TECHNIQUE, S A BOYER, GEOPHYSICS RESEARCH DIGEST, VOL 10, NO 1-2, JUNE 1971, P 38-45
- GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
- INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
- MAPPING THE BASE OF PERMAFROST BY REFLECTION SEISMIC, W D EVANS, I O L GEOPHYSICAL RES, MAY 1970, IPRCER-28MGP-70
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA1016
- PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
- PERMAFROST IN THE CANADIAN ARCTIC ARCHIPELAGO, R J E BROWN, NATIONAL RESEARCH COUNCIL OF CAN DIV OF BUILDING RESEARCH, OTTAWA, 1972, TECH PAPER 379
- PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
- PERMAFROST, PERENNIALY FROZEN GROUND, S RUSSEL STEARNS, U S ARMY COLD REGIONS RESEARCH + ENG AUG 1966, CREEL MONOGRAPH 1-A2
- PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
- PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
- STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474
- TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963

PERMAFROST ZONE

- CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
- GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
- INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
- WARM WATER TEST METHOD, ALYESKA PIPELINE SERVICE COMPANY, DECEMBER 9, 1971, PLR 142-017

PERMEABILITY

- OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, JUNIAT FIELD, ALASKA, BY D C BAPTIST, U S BUREAU OF MINES R I 5642, 1960

PERMEABILITY TESTS

- INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 16-18, E 1580

PERMIAN

- GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
- EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59

PERMIT 1382

- GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1956, DEPT OF NORTHERN AFFAIRS RPT NO 10

- PERMITS 2347-2358
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- PETROFABRICS
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, TA71053
- PETROLEUM ENGINEER PUBL CO
ARCTIC DRILLING AND PRODUCING TECHNOLOGY, H KASTROP, EDITOR, REPRINT FROM PETROLEUM ENGINEER 1974, P BOX 2698
- PETROLEUM EXPLORATION
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QF515L39
PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE64A5
- PETTAPIECE, W W
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND W W PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
- PEWE, T L
PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS, MONTREAL, 1969, QE697P3
PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T.L. PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY P BOX 1996
- PEYTON, H R
ENGINEERING AND TRANSPORTATION ASPECTS OF NORTHERN PETROL DEVELOPMENT BY H R PEYTON, 20TH ALASKA SCIENCE CONFERENCE, UNIV OF ALASKA, FAIRBANKS, AUG 24-27, 1969
PERMAFROST DESIGN CRITERIA, H R PEYTON, FOR ALYESKA PIPELINE SERVICE CO, 1969, PLR 142-006
THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005
- PHASE CHANGE
PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 319
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- PHOSPHATE DEPOSITS
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- PHOTOGEOLOGY
AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAWIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- PHOTOGRAPHS
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO, BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138
- PHYSICAL PROPERTIES
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PHYSIOGRAPHIC PROVINCES
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965
- PICKERSGILL, D N
PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158

PIERCEMENT DOMES

AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9

PIERS

EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961

PIEZOMETERS

INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL
72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577

PIHLAINEN, J A

BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH
COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H
JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYDC,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954

PILE CONSTRUCTION

FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND
FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD12 514
INSTALLATION OF PILES IN PERMAFROST, F F KITZE, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECT
LAB, BOSTON, SEPT 1957, AD12 650, MISC PAPER 18
PILE CONSTRUCTION IN PERMAFROST, G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION
OF BUILDING RESEARCH, OTTAWA, 1966, TECH PAPER 233
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, J S ARMY, COLD REGIONS RES + ENG
LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154

PILE DRIVING

ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL,
U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694,120
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
VIBRATORY PILE DRIVING AND CORING IN PERMAFROST, R W HUCK, U S ARMY CRREL, HANOVER N H, NOV,
1969, TECHNICAL NOTE 69-1

PILE FOUNDATIONS

ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E
CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH REPT 266
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180

PIERCEMENT DOMES

AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9

PIERS

EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961

PIEZOMETERS

INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL
72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577

PIHLAINEN, J A

BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH
COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H
JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYD, C,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953, DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954

PILE CONSTRUCTION

FREEZE BACK CONTROL AND PILE TESTING, KOTZERUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND
FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD 12 514
INSTALLATION OF PILES IN PERMAFROST, F F KITZE, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECT
LAB, BOSTON, SEPT 1957, AD 712 650, MISC PAPER 18
PILE CONSTRUCTION IN PERMAFROST, G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION
OF BUILDING RESEARCH, OTTAWA, 1966, TECH PAPER 233
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, J S ARMY, COLD REGIONS RES + ENG
LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154

PILE DRIVING

ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693, 069, MICROFICHE
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667, 945, CRREL TECH RPT 180
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL,
U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694, 120
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
VIBRATORY PILE DRIVING AND CORING IN PERMAFROST, R W HUCK, U S ARMY CRREL, HANOVER N H, NOV,
1969, TECHNICAL NOTE 69-1

PILE FOUNDATIONS

ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693, 069, MICROFICHE
BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E
CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH REPT 266
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667, 945, CRREL TECH RPT 180

PILE FOUNDATIONS

BUILDING FOUNDATIONS ON PERMAFROST MACKENZIE VALLEY N W T, BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL CAN, DIV OF BLDG RESEARCH TECH REPT NO 8, JUNE 1951
CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT, FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67
DESIGN OF LATERALLY LOADED PILES IN PERMAFROST, B LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574
EXPERIENCE WITH A PIER-SUPPORTED BUILDING OVER PERMAFROST, BY H B DICKENS, D M GRAY
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 119, FEB 1961
FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM
WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
FOUNDATION DESIGN, INTERIM REPORT BY NORTHERN ENGINEERING SERVICES LTD, FOR CANADIAN ARCTIC GAS STUDY LTD, JULY 1974, E2510
PREFEASIBILITY CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
GUIDE FOR DESIGN AND CONSTRUCTION OF PILE FOUNDATIONS IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA TECH TRANSL 1314, BY R J E BROWN, 1968
INSTALLATION OF PILES IN PERMAFROST, F F KITZE, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECT LAB, BOSTON, SEPT 1957, AD712 650, MISC PAPER 18
INTERIM REPORT ON LOAD TESTS OF PILES IN PERMAFROST, K A LINELL, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECTS LAB, BOSTON, 1954, AD712 568, TECH REPT 58
MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRODY AND R E REED, U S ARMY COLD REGIONS RESEARCH LAB, HANNOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
MEASUREMENT OF FROST HEAVING FORCES ON PILES, F E CRODY AND R E REED, U S ARMY COLD REGIONS RESEARCH AND ENG LAB, OCTOBER 1965, TECHNICAL REPORT 145, AD 484 955
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PILE FOUNDATIONS IN DISCONTINUOUS PERMAFROST AREAS, BY F E CRODY, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANNOVER, MARCH 1967, AD 314,700, CRREL SPECIAL REPORT 79
PILE FOUNDATIONS IN PERMAFROST - A COMPILATION OF RECENT LITERATURE, BY J S TRUSWELL, I O L SYSTEMS + INFORMATION SERVICES, APRIL 1973, IPRC-7MIR-73
PILE FOUNDATIONS IN THERMALLY FRAGILE FROZEN SOILS, BY J M MILLER, A S C E SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 35-72, TA24454C
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH + ENGG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONSTR, STATS+TERMINALS, 18-10, E 1572

PILING BEHAVIOR

BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, M ROMANOFF, 25TH ANN NACE CONF, HOUSTON, MARCH 10-14 1969, PAPER NO 81, PRINT NO 839
DESIGN OF LATERALLY LOADED PILES IN PERMAFROST, B LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONSTR, STATS+TERMINALS, 18-10, E 1572

PINGOS

PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS, MONTREAL, 1969, QE697P3
PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA, TECHNICAL TRANSLATION 1401, 1970
PINGOS OF THE PLEISTOCENE MACKENZIE DELTA AREA, BY J ROSS MACKAY, DEPT OF MINES + TECH SURVEY GEOGRAPHICAL BR, GEGC BULL 18 P21-63 NOV 1962, M/MC-3
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1MF-69
WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, VOL 62 NO 1, MARCH 1972, P 1-22, PPINT 815

PIPE

INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL, ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE

PIPE DIAMETERS

OBSERVATIONS OF PART OF THE PIPELINE DITCHING TESTS IN PERMAFROST, FAIRBANKS, ALASKA, BY T G WATMORE, I O L EDMONTON DEVELOP DEPT, MARCH 1969, IPRE-13ME-68

PIPE TESTING

WARM WATER TEST METHOD, ALYESKA PIPELINE SERVICE COMPANY, DECEMBER 9, 1971, PLR 142-017

PIPELAYING BARGES

ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1

PIPELINE CONSTRUCTION

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
DEPTH OF OVERBURDEN COVER OVER PIPE + PILE ANCHORAGE TECHNICAL + COST CONSIDERATIONS, BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, AUG 1974, E2518
DESIGN OF LATERALLY LOADED PILES IN PERMAFROST, 3 LADANYI, MVPLRL 1972, MVPL FEASIB STUDY-72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, COMMUN, 18-12, E 1574
DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 19, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERVICE LAB, CALGARY, AUG-OCT 1969, QUARTERLY PROJECT REPORT, V 2, NO 4, PAPER 5
FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-4, E 1566
FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE, MVPLRL, 72, MVPL FEAS STUDY, 72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1590
INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V18 GEOTECH STUD 18-3, E 1565
MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTHS CRUST, PT 1-4, THERMO-TECHNICAL CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAIEV, MATERIALI O NERZLYCH.. TRANSL R-118

PIPELINE CONSTRUCTION

PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972,,FEAS
STUDY,72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575
PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL,
72, MVPL FEAS STUDY,72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS,18-14,E1576
PERTINENT LIT DIGEST FOR PL ROUTE STUDY,V 4,PRUDHOENBAY TO (ORTH ALTA, JMOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 18TE SEL+EVAL,RT1-3,E1294
PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST RES, E SPEER
ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS
BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V POKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
PROBLEMS OF PIPELINE CONSTRUCTION UNDER ARCTIC CONDITIONS, A FEINGOLD, PAPER PRESENTED 74TH
NATIONAL MTG OF AMER INST OF CHEM ENG, NEW ORLEANS, MAR 11-15, 1973, AICHE PRINT 4973, E02462
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN,
NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69, E 404,516-18
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB
STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACKES CONS SERV LTD,
FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION+EVAL, RPT NO 1-14, E 1305
SOLUTION OF ENGINEERING PROBLEMS OF THE TAZOVSKOE-NORILSK GAS PIPELINE, BY V V SPIRIDONOV,
STROIT TRUBOPROVOODOV 9 NO 10 3-6 1964, TRANSL A T S RJ-5778
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND
W W PETTAPECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1972, REPORT NO 73-4
STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION
ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019
SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TRUBOPROVOODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.545, E 1357, TN879.545
TAZOVSKOE-NORILSK GAS LINE - THE WORLD'S NORTHERN MOST GAS TRUNK LINE, BAONOVSKI, A K
TRANSL FROM STROITELSTVO TRUBOPROVOODOV, NO 8, AUG 1964, 6-8 P, TRANSL R-101
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL
FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322
TEXACO PERMAFROST DENSITY LOGGING RPT, L P OCONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972,
MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564
THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB
STUDY,72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB
STUDY,72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATS+TERMINALS, 18-10, E 1572

PIPELINE CORROSION

ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L
PROD RES AND TECH SERV DEPT, QUARTERLY PROJECT RPTS, V 2, NO 2, FEB-APR 1969, PAPER NO 5
EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERVICE LAB, CALGARY, AUG-
OCT 1969, QUARTERLY PROJECT REPORT, V 2, NO 4, PAPER 5
SUPVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TRUBOPROVOODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.545, E 1357, TN879.545

PIPELINE CORROSION PROTECTION

THERMAL EROSION PROBLEMS IN PIPELINING, BY T G WATMORE, I O L PROD DEPT,MS REL TO OIL INDUSTRI
ES, PREPRINT NO 648

PIPELINE COSTS

DEPTH OF OVERBURDEN COVER OVER PIPE + PILE ANCHORAGE TECHNICAL + COST CONSIDERATIONS, BY
NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, AUG 1974, E2518

PIPELINE DEFORMATION

EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES AND TECH SERVICE LAB, CALGARY, AUG-
OCT 1969, QUARTERLY PROJECT REPORT, V 2, NO 4, PAPER 5

PIPELINE DEPTH

PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68
PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT
CALGARY, JUNE 1966, REPORT NO IPRT-4M1-66
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1955, TT-1221

PIPELINE DESIGN

ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L
PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY
STUDY-71, BACK-UP DATA 9KS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
DESIGN PROBLEMS OF FLOWING GAS PIPELINE TEMPERATURE IN PERMAFROST, G W WALKER + J M STUCHLY
PRESENTED AT 74TH ANNUAL MTG OF THE AMER INST OF CHEM ENGR, NEW ORLEANS, MARCH 1973, PRINT 4977
GEOTECHNICAL ASPECTS OF SOIL PIPE INTERACTION AT SINGLE FIELD BENDS, BY NORTHERN ENGINEERING
SERVICES FOR CANADIAN ARCTIC GAS STUDY LTD, JUNE 1974, E2520
PERMAFROST DESIGN CRITERIA, H R PEYTON, FOR ALYESKA PIPELINE SERVICE CO, 1969, PLR 142-006
PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, BY W H PEARNS, PAPER PREPARED FOR THE AMER
SOC OF MECH ENGRS 25TH PETROLEUM MECH ENGRS CONF, DENVER, COLO, SEPT 14, 1970, PRINT NO 751
PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARNS, WILLIAMS BROTHERS ENGINEERING CO
PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174
SOME ESTIMATES OF THE THERMAL EFFECTS OF A HEATED PIPELINE IN PERMAFROST, A H LACHENBRUCH,
U S GEOLOGICAL SURVEY CIRCULAR 632
THAW SETTLEMENT IN ELEVATED PIPELINE SECTIONS OF TRANS-ALASKA PIPELINE SYSTEM VALDEZ TO YUKON
RIVER, WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERV CO, JUNE 1972, PLR 142-158
TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT
GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104

PIPELINE HEATERS

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1955, TT-1221

PIPELINE INSULATION

ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L
PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L
PROD RES AND TECH SERV DEPT, QUARTERLY PROJECT RPTS, V 2, NO 2, FEB-APR 1969, PAPER NO 5
INUVIK TEST FACILITY, FINAL REPORT, VOL 1-EXECUTIVE SUMMARY, BECHTEL FOR MACKENZIE VALLEY
PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 1
PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION
RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-096
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1955, TT-1221
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD,
FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA 9KS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV
SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8
1971, PLR 142-016
STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION
ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019
SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TURBOPROVOODV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT
GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104

PIPELINE MAINTENANCE

CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971

PIPELINE MAINTENANCE

REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TURBOPROVODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5w5, E 1357, TN879.5w5

PIPELINE OPERATION

SOLUTION OF ENGINEERING PROBLEMS OF THE TAZOVSKOE-NORILSK GAS PIPELINE, BY V V SPIRIDONOV,
STROIT TRUBOPROVODOV 9 NO 10 3-6 1964, TRANSL A T S RJ-5778

PIPELINE PRESSURE

ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES
DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5

PIPELINE RESEARCH

INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INUVIK TEST FACILITY, FINAL REPORT, VOL 1-EXECUTIVE SUMMARY, BECHTEL FOR MACKENZIE VALLEY
PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 1
INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY
PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES
LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-
LINE RESEARCH PROJECT 483, BY T G WATMOPE, I O L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70
SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8
1971, PLR 142-016
THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS
ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005

PIPELINE STRESS

ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L
PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L
PROD RES AND TECH SERV DEPT, QUARTERLY PROJECT RPTS, V 2, NO 2, FEB-APR 1969, PAPER NO 5
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY
STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
ICE WEDGE CRACKING AND RESULTING EFFECTS IN PIPELINES BURIED IN PERMAFROST, BY G R KNIGHT,
A S C E SYMPOSIUM COLD REGIONS ENG, UNIV ALASKA, AUG 17-19, 1970, P 383-395, TA24A5A6
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD,
FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305

PIPELINE TEMPERATURES

DESIGN PROBLEMS OF FLOWING GAS PIPELINE TEMPERATURE IN PERMAFROST, G W WALKER + J M STUCHLY
PRESENTED AT 74TH ANNUAL MTG OF THE AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 1973, PRINT 4977
INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY
PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES
LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS
MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEB, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
SOME ESTIMATES OF THE THERMAL EFFECTS OF A HEATED PIPELINE IN PERMAFROST, A H LACHENBRUCH,
U S GEOLOGICAL SURVEY CIRCULAR 632
TRANSIENT FLOW STUDY - PREDICTION OF THERMAL RESPONSE DURING WARM WATER TESTING OF PIPELINES,
BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, MAY 1974, E2517

PIPELINES

ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR
ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1

PIPELINES

- EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
- HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTHS CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
- HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970
- USGS MISC
- ICE WEDGE CRACKING AND RESULTING EFFECTS IN PIPELINES BURIED IN PERMAFROST, BY G R KNIGHT, A S C E SYMPOSIUM COLD REGIONS ENG, UNIV ALASKA, AUG 17-19, 1970, P 383-395, TA24A5A6
- INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE (SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
- MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTHS CRUST, PT 1-4, THERMO-TECHNICAL CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI O MERZLYCH., TRANSL R-118
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-096
- SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
- SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8 1971, PLR 142-016
- SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR.1PR.74
- SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV TURBOPROVOODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
- PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA, TECHNICAL TRANSLATION 1401, 1970
- GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
- ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILLIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
- ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
- DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATN FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
- PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
- CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMAN, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81
- GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
- GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
- MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
- PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G6J6B5
- SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964

PISSART, A

PLAINS REGION

PLANKTON

PLANT PHYSIOLOGY

PLASTIC COATINGS

PLATTS, R E

PLEISTOCENE

- PLUTONIC ROCKS GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- POLAR REGIONS ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
- POLAR RESEARCH DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, 4/U-4
- POLLUTION CONTROL CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT, OTTAWA, 1971
- POLYURETHANE NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- POLYURETHANE FOAM APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI,
IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
- PONOMAREV, V M PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST
AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- POPPE, V RUSSIAN-ENGLISH GLOSSARY OF PERMAFROST TERMS, V POPPE + R J E BROWN, ASSOCIATE COMMITTEE ON
GEOTECHNICAL RESEARCH, OTTAWA, APRIL 1976, NATIONAL RESEARCH COUNCIL OF CANADA, TECH MEM 117
- PORCUPINE RIVER AREA, YUKON GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1959, DEPT OF NORTHERN AFFAIRS RPT NO 10
- PORE ICE GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA
PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-1241K-72
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PORE PRESSURE CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRC PRODUCTION OPERATIONS DIVISION, JULY 27
1972, EPR-MISC-JULY 1972
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD,
DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE,
PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968
SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH
COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MOPGENSTERN,
UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
- PORE SIZE PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE,
PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968
- PORKHAEV, G V MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTHS CRUST, PT 1-4, THERMO-TECHNICAL
CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI D MERZLYCH.. TRANSL R-118
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES
OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY
N I SALTYSKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND
AIRFIELDS, BY G V PORKHAEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220

POPKHAEV, G V PRINCIPLES OF GEOCRIOLOGY, PT 2-ENGINEERING GEOCRIOLOGY, CHAPT 5-PRINCIPAL METHODS OF
MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V POPKHAEV, MOSCOW 1959, NRC, 1966, TT-1250

POROSITY DETERMINATION TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

POTASH DEPOSITS TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

POWER SUPPLY DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4

PRECIPITATION, METEOROLOGY BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYDC,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
MAN INDUCED EROSION OF PERMAFROST BY R LEWELLEN AND J BROWN, 20TH ALASKA SCIENCE CONF
UNIV OF ALASKA, FAIRBANKS AUG 24-27 1969
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965

PREFABRICATED BUILDINGS BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF
BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960

PRESSURE EFFECT INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE,
RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JAN, 1972, CRREL TRANSL TL 291
PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD
REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 319

PRESSUREMETER TESTS RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI
FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2

PRINCE OF WALES ISLAND GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1

PRINCE PATRICK ISLAND PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA,
TECHNICAL TRANSLATION 1401, 1970

PROBING RODS DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND
LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559

PRODUCTION EQUIPMENT TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76

PRODUCTION LOGGING TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

PRODUCTION RATES PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNAT-3MG-71

PRODUCTION WELLS ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRAW PROBLEM IN TAGLU PROD WELLS
R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74

PROFILES	CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
PROGRAM DESCRIPTIONS	HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970 USGS MISC
PROGRAM DOCUMENTATION	NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
PROGRESS REPORTS	ARCTIC TASK FORCE - PROGRESS REPORT NO 1, BY THE ARCTIC ENGINEERING GROUP, DEVELOPMENT DEPT I O L PROD DEPT, EDMONTON, AUG 1969, IPRE-21ME-69
PROJECT CHARIOT	ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, Q28306 ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
PRUDHOE BAY AREA, ALASKA	AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72 ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO HUMBLE MISC REPORT MAY 6, 1971 CHEMISTRY AND GEOLOGY OF NATURALLY OCCURRING GAS HYDRATES, R D MCIVER, EPRCO STRUCTURE AND EVALUATION DIVISION, SEPTEMBER, 1973, EPR-24EX-73 GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12M1R-72 PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, Q28445
PRUDHOE BAY FIELD, ALASKA	ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972 CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972 MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT EPR CO, HOUSTON, EPRCO MISC PPT JAN 1972 MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL, ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR-109PS-75 PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOODLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
PRUITT, W O	SOME ASPECTS OF THE INTERRELATIONSHIP OF PERMAFROST AND TUNDRA BIOTIC COMMUNITIES, BY W O PRUITT, CONF ON PRODUCTIVITY + CONSERV IN NORTH CIRCUMPOLAR LANDS, EDMONTON, OCT 15-17, 69 TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, W/R-4
PUBLIC HEALTH REGULATIONS	PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-8
PUMPING STATIONS	PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666
PUZANOV, I I	CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
QUATERNARY	GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LEDETTERMAN, M D MANGUS EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964 GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964

- QUATERNARY PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T,L, PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY P BOX 1996
- SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
- QUEBEC SURFICIAL GEOLOGY,NICHICUN-KANIAPISKAU MAP-AREA,QUEBEC,BY O L HUGHES,CANADA GEOLOGICAL SURVEY BULLETIN 106,1964
- RAASCH, G D GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ONARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G D RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- RADAR CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FORJ S OFFICE OF NAVAL RES, MAY 1972, AD772549
- RADFORTH, N W PALAEOBOTANICAL METHOD IN PREDICTION OF SUB-SURFACE SUMMER ICE CONDITIONS BY NORMAN W RADFORTH NATL RES COUNCIL, CAN, ASSOCIATE COMM ON SOIL...TECH MEMO 34, MARCH 1955
- RADIATION SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
- RADIOACTIVITY MEASUREMENTS ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QE8306
- RAILROADS INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE (SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
- TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC,BY K B WOODS,R F LEGGET NATIONAL RESEARCH COUNCIL OF CAN,DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113,DEC 1960
- RAILWAY CONSTRUCTION GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
- RAILWAY TRANSPORTATION TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE215S5
- RAKPTOV, A P OIL MIGRATION UNDER PERMAFROST CONDITIONS,BY A P RAKPTOV,TRANSLATED FROM RUSSIAN BY H GREULICH, 1965
- RANPARTS FM GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPRULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- RAUSCHENBERGER, FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021
- READ BAY FM GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- RECENT SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
- RECESSION GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
- ROLE OF CRECENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACADE SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255
- REED, J C COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER,EDS,PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH,SAN FRANCISCO,JAN 7-9, 1974,ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8

- REED, J C EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT. 1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
- REED, R E MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
MEASUREMENT OF FROST HEAVING FORCES ON PILES, F E CRORY AND R E REED, U S ARMY COLD REGIONS RESEARCH AND ENG LAB, OCTOBER 1965, TECHNICAL REPORT 145, AD 484 955
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH + ENG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
- REESON, K W GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESON, I O L SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPRC-9MIR-74
- REFRIGERATED DRILLING FLUIDS PERMAFROST DRILLING WITH REFRIGERATED FLUIDS, BY N M KLJUČEC, L R LIPSETT JR, I O L PROD RES+ TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5, NO 1-2, JUNE, 1971 P 11-13
REFRIGERATED DRILLING FLUID TESTS, BY D E VESCIARELLI, I O L CALGARY, ENGDEPT, 1970, IPRC-10ME-70
- REFRIGERATION ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSHIMOV, ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
COLD STORAGE SYSTEMS FOR APPLICATIONS TO OIL PIPELINES IN PERMAFROST REGIONS - A SUMMARY RPT THERMO-DYNAMICS INC, ALYESKA PIPELINE SERVICE COMPANY, MAY 1971, PLR 142-128
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8 1971, PLR 142-016
STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019
TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104
- REGIONAL GEOLOGY GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G D RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, COTW157
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R L DETTERMAN, M D MANDUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965
- RELIEF PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
- REMOTE SENSING APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYM ON REMOTE SENSING UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, G8131C1
CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB, AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
- REMPEL, G GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, IOL ARCTIC COORDINATION, PARTS A AND B, IPRC-7ME-70

- RESEARCH ARCTIC RESEARCH,CURRENT STATUS OF RESEARCH&SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC AND SUBARCTIC,ED BY D ROWLEY,SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA,DEC 1955,GS7647
PERMAFROST RESEARCH,BY R F LEGGET,NATIONAL RESEARCH COUNCIL OF CANADA,DIV OF BLDG RESEARCH
TECHNICAL PAPER NO 40,1954
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION
RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
- RESERVOIR DATA PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- RESERVOIR DATA PROCESSING TRANSACTIONS OF THE SP/LA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
- RESERVOIR PARAMETERS OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST,UMIAT FIELD,ALASKA,BY D C BAPTIST,U S BUREAU
OF MINES R I 5642,1960
TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76
- RESISTIVITY DATA ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY
DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065
- RESISTIVITY INTERPRETATION INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972
IPRCR-9MGP-72
- RESISTIVITY PROFILING ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY
DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065
PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY,BY A I DEMENTEV ET AL, MOSCOW,1959, NRC, OTTAWA, 1967, TT-1287
- RESISTIVITY SURVEYING ELECTRICAL RESISTIVITY MEASUREMENTS IN FROZEN GROUND, MACKENZIE DELTA AREA, N W T, D K MACKAY
DEPT ENERGY, MINES+RES, OTTAWA, ASSOC INT HYDROL SCI BUCAREST MAY 1969, P 363-375, E 1065
INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972
IPRCR-9MGP-72
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROPOSAL FOR A STUDY OF THE GEOMETRY STRUCTURE AND DISTRIBUTION OF PERMAFROST BY ELECTRICAL
PROSPECTING METHODS, GEOTERREX LTD, OTTAWA, OCT 1971, GEOTERREX-71-1
USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER
MSC THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6
- RESOLUTE BAY, N W T ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE,NORTHWEST TERRITORIES,BY G P
WILLIAMS,NATIONAL RESEARCH COUNCIL OF CAN,DIV OF BLDG RES PAPER NO 40,SEPT 1957
- RESOURCE POLICIES OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRIES CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
- REUSS, R F PRETHAWING FOR FOUNDATIONS IN PERMAFROST, R F REUSS, PAPER PREPARED FOR ASCE JOURNAL OF SOIL
MECHANICS + FOUND DIV, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-115
- RHEOLOGY ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES
DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY,CHAPT 3-BASIC MECHANICS OF FREEZING,
FROZEN AND THAWING SOILS,BY N A TSYTOVICH ET AL, MOSCOW,1959, NRC, OTTAWA, 1966, TT-1239
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016

- RICHARDS ISLAND
AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAW IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S
APCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
- RICKARD, W
EFFECT OF DISTURBANCE ON PERMAFROST TERRAIN, BY J BROWN ET AL, U S ARMY COLD REGIONS RESEARCH
AND ENGINEERING LAB, HANOVER, NOV 1969, AD 699,327, CRREL SPECIAL REPORT 138
- RIDLER, R H
EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE
AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34
- RIPLEY, C F
PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER
ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
- RIPLEY, KLOHN+LEONOFF ALTA LTD
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LEONOFF, ALBERTA LTD,
DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER
ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
- RIVERS
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- ROAD CONSTRUCTION
ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT
ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TMS-349
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION
SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL
PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
HIGHWAY SUBSIDENCE FROM PERMAFROST, BY G E JOHNS, A S C E SYMPOSIUM COLD REGIONS ENGINEERING,
UNIVERSITY OF ALASKA, AUG 17-19, 1970, P170-193, TA24A5A6
INSULATED GRAVEL EMBANKMENTS FOR ARCTIC ROAD CONSTRUCTION, ARCO CHEMICAL COMPANY, PAPER PREP
FOR PRES TO SOC PET ENGG OF AIME, ANCHORAGE ALASKA, ALYESKA SERV CO, MAY 1971, PLR 142-057
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON
SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IOL, CALGARY 1953,
HC117H3
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- ROAD DESIGN
ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT
ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT
JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL
PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
- ROAD RESEARCH
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB
QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1
- ROAD STABILIZATION
GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL
CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792

- ROAD STABILIZATION REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE AND W N MCKAY, I O L PROD RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V 4 NO 2 35P
- REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1
- ROAD SURFACING MATERIALS DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATION FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
- ROADS BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
- BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CORY, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
- INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE (SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
- PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
- PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND AIRFIELDS, BY G V PORKHAIEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220
- TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113, DEC 1960
- ROBBINS, R J FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
- ROBERTS-PICHETTE, P ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
- ROBINSON, F L CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 305-L, 1964
- ROCK BITS INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245
- ROCK COMPOSITION INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 Q515L39
- ROCK PHYSICS PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- ROCK PRESSURE PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- ROCK STRESSES PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- ROMANOFF, M CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, BY M ROMANOFF, NATIONAL ASSOC OF CORROSION ENGRS, 1969 CONF, HOUSTON, TEX, PREPRINT NO 81, TA462N2
- CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, M ROMANOFF, 25TH ANN NACE CONF, HOUSTON, MARCH 10-14 1969, PAPER NO 81, PRINT NO 839
- RONNING GP GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- ROSENEGGER, L W DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT JUNE 1974, CALGARY, ALTA, IPRT-11ME-74

- ROTARY DRILLING
DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL & FUEL LIT, Leningrad, 1959, TRANSLATED BY I O L, 1965 NO K-103, TN 871.5M2
ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
- ROWLEY, D
ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH & SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC
AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576A7
- ROWLEY, R K
DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLPL,
72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972, FEAS
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575
PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL,
72, HVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-14, E1576
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATS+TERMINALS, 18-10, E 1572
- ROYAL SOCIETY OF CANADA
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L
WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NQ 755, M/R-4
- RUNWAY CONSTRUCTION
PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON
SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG
RESEARCH TECHNICAL PAPER NO 127, AUG 1961
- RUNWAYS
BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATION
FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757
PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND
AIRFIELDS, BY G V PORKHAEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220
- RUSSIAN-ENGLISH DICTIONARIES
RUSSIAN-ENGLISH GLOSSARY OF PERMAFROST TERMS, V POPPE + R J E BROWN, ASSOCIATE COMMITTEE ON
GEOTECHNICAL RESEARCH, OTTAWA, APRIL 1976, NATIONAL RESEARCH COUNCIL OF CANADA, TECH MEM 117
- SETTLE
EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG
CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
- SADOVSKII, A V
PRINCIPLES OF GEOCRYOLOGY, PART 2, ENGINEERING GEOCRYOLOGY, CHAPTER 8, BEDS FOR ROADS AND
AIRFIELDS, BY G V PORKHAEV + A V SADOVSKII, N R C OTTAWA, DIV BLDG RES 1965 TT-1220
- SALTYKOV, N I
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS
IN ENGINEERING GEOCRYOLOGY, BY N I SALTYKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF
ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTYKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY
N I SALTYKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- SAMIS, J C
GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- SAMPLING TECHNIQUES
CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMAN, U S ARMY COLD REGIONS
RES+ENG LAB, HANDOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81
INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972,
BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580

- SAMPLING TECHNIQUES PERMAFROST INVESTIGATIONS IN THE FIELD, V A OBRUCHEV INST OF PERMAFROST STUDIES, NATL RES COUN
CAN-DIV OF BLDG RES, OTTAWA, 1969, TECH TRANS 1358
SOIL SAMPLING IN PERMAFROST AREAS, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 155, JULY 1963
- SANDERSON, W J PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-2MG-71
THE EFFECTS OF PERMAFROST, GAS HYDRATES AND PAST CLIMATIC REGIMES ON GEOTHERMAL GRADIENTS, BY
W J SANDERSON, I O L EDMONTON NORTH EXPL DIST, MARCH 1971, IPRNWT-2MG-71
- SANDLER, S S DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAG
NETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902
- SANGER, F J FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R K E L MONOGRAPH III-C4
- SANGSTER, R H B DELTA GAS PROJECT PAD DESIGN STUDY, L W ROSENEGGER + R H B SANGSTER, PROD RES+TECH SERV DEPT
JUNE 1974, CALGARY, ALTA, IPRT-11ME-74
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
- SANITARY ENGINEERING ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
- SANITATION BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D.C, DEC, 1967 NAVFAC DM-9, M/U-4
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA
DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-8
PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD,
J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
- SANS SAULT RAPIDS AREA, N W T LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA
FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
- SAPIR, M KH GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-
SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- SASKATCHEWAN PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
- SATELLITE PHOTOGRAPHS ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON
ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241
- SATER, J E ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MD, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8.
COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, G6401A8
- SAVIK FM GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D CLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1

- SAYLES, F H
CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB
HANOVER, N H, JULY 1974, TECH RPT 252
TRIAXIAL CONSTANT STRAIN RATE TESTS AND TRIAXIAL CREEP TESTS ON FROZEN OTTAWA SANDS, FRANCIS
H SAYLES, AUGUST 1974 CRREL TECH REPT 253
- SCANDINAVIA
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, 1471016
- SCANNING DEVICES
TRANSACTIONS OF THE SPMLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
- SCIENCE COUNCIL OF CANADA
REPORT ON THE GEOTECHNICAL SCIENCES TO SOLID-EARTH SCIENCE STUDY GP OF THE SCIENCE COUNCIL OF
CANADA, NATIONAL RESEARCH COUNCIL CAN, OTTAWA, JUNE, 1969, TECH MEMO NO 95
- SEA ICE
APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYM ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, G6131C1
ARCTIC BASIN, COORDINATED BY J E SATER, REV ED, ARCTIC INSTITUTE OF NORTH AMERICA, 1969
G601A8
ARCTIC BASIN, COORDINATED BY JOHN E SATER, TIDEWATER PUBLISHING CORP, CENTREVILLE, MO, 1963
ARCTIC INSTITUTE OF NORTH AMERICA, G601A8
ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH, SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC
AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G576AT
CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L
PERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FORJ S OFFICE OF NAVAL RES, MAY 1972, AD772549
COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST
SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, G6401A8
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- SEA TEMPERATURES
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- SEA WATER
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, 1471016
- SEDIMENT SAMPLING
OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM
OPERATORS ASSOC, FEB 1972, APOA-72-1
- SEDIMENT TRANSPORT
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G605B5
- SEDIMENTATION
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- SEDZIAK, H P
CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT,
FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67
- SEEPS
CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-L, 1964
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY
J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- SEISMIC CROSS SECTIONS
SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY
A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1NGP-72

- SEISMIC DATA SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4.GEOPHYSICS, U S G S PROFESSIONALPAPER 304-A, WASHINGTON,1962.
- SEISMIC INTERPRETATION METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
- SEISMIC MAPS PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- SEISMIC PULSES SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
- SEISMIC RECORDING EXPERIMENTAL RESULTS OF THE ELECTROSEISMIC EFFECT AS A PERMAFROST-THICKNESS MEASUREMENT TECHNIQUE, S A BOYER, GEOPHYSICS RESEARCH DIGEST, VOL 10, NO 1-2, JUNE 1971, P 38-45
- SEISMIC REFLECTION METHOD MAPPING THE BASE OF PERMAFROST BY REFLECTION SEISMIC, W D EVANS, I O L GEOPHYSICAL RES, MAY 1970, IPRCEP-2RMGP-70
SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4.GEOPHYSICS, U S G S PROFESSIONALPAPER 304-A, WASHINGTON,1962.
USING SEISMIC REFLECTION TECHNIQUE IN THE VILYUI SYNCLINE, A E SHUTKIN, RAZVED GEOFIZ, NO 21, 1967, P16-32, RUSSIAN TRANSLATION R-231
- SEISMIC REFLECTIONS METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
- SEISMIC REFRACTION METHOD SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4.GEOPHYSICS, U S G S PROFESSIONALPAPER 304-A, WASHINGTON,1962.
- SEISMIC REFRACTIONS PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- SEISMIC SURVEYING DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902
INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRGER-9MGP-72
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT CALGARY, JULY 1970, IPRC-11MIR-70
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER MSC THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6
- SEISMIC SURVEYS PERMAFROST AND FROZEN SUB-SEABOTTOM MATERIALS IN THE SOUTHERN BEAUFORT SEA, J A M HUNTER, ET AL, APR 1976, BEAUFORT SEA PROJECT TECHNICAL REPORT NO 22, APOA PROJECT 37, E3022, BSP-22
SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4.GEOPHYSICS, U S G S PROFESSIONALPAPER 304-A, WASHINGTON,1962.
- SEISMIC VELOCITIES METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4.GEOPHYSICS, U S G S PROFESSIONALPAPER 304-A, WASHINGTON,1962.
TEMPERATURE FIELD EFFECT ON THE DISTRIBUTION OF SEISMIC VELOCITIES IN THE PERMAFROST ZONE, BY F F APTIKAEV, AKAD NAUK SSSR SIBIR OTD-IE INST MERZLOTOVEDENIIA, 1964, P190-99, TRANSL R-259
VELOCITY APPLICATION IN NORTH SLOPE ALASKA, O J NELIPOVICH, IN EPRCD VELOCITY SYMPOSIUM FEBRUARY 23-27, 1976, EPR.15EX.75

SEISMIC WAVES

SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER
R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,726
USING SEISMIC REFLECTION TECHNIQUE IN THE VILYUI SYNCLINE, A E SHUTKIN, RAZVED GEOFIZ, NO 21,
1967, P16-32, RUSSIAN TRANSLATION R-231

SEISMOGRAMS

SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY
A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNW-1MGP-72
USING SEISMIC REFLECTION TECHNIQUE IN THE VILYUI SYNCLINE, A E SHUTKIN, RAZVED GEOFIZ, NO 21,
1967, P16-32, RUSSIAN TRANSLATION R-231

SELLMANN, P V

AIRBORNE RESISTIVITY MAPPING OF PERMAFROST NEAR FAIRBANKS, ALASKA, P HOEKSTRA, ET AL, U S
ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, SEPT 1974, RESEARCH REPORT 324
CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA
P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMANN, U S ARMY COLD REGIONS
RES+ENG LAB, HANOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81
GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS
RESEARCH AND ENGINEERING LAB, HANOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199

SEMENTOV, L P

EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL,
NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMAN, YU L SHUR, MATERIALS FOR BASIS OF STUDY
OF FROZEN ZONES OF EARTH'S CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTH'S CRUST, PT 1-4, THERMO-TECHNICAL
CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI D MERZLYCH.. TRANSL R-118

SERVICE COSTS

PERMAFROST IN CANADA - ITS INFLUENCE ON NORTHERN DEVELOPMENT, BY R J E BROWN, UNIVERSITY OF
TORONTO PRESS, 1970, 234P, HC117N5B7

SETTLING

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
SETTLING OF THAWING GROUND, V F ZHUKOV, U S ARMY COLD REGIONS RES AND ENG LAB, JULY 1972
AD748 157, DRAFT TRANSLATION 355
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN,
UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820

SEWAGE DISPOSAL

BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE
(SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA
DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-8
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPE, C B CRAWFORD,
J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1958
WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS,
NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959

SEWER PIPES

PRINCIPLES OF GEOCRYSOLOGY...PT 2-ENGINEERING GEOCRYSOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221

SHCHELOKOV

DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M FELDMAN, PROTSESSY TEPLA I MASSOBYMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777

SHEAR STRENGTH

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING
MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
SHEAR STRENGTH OF FROZEN GROUND AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAYA, TRANSLATED
FROM IZD-VO AKAD NAUK SSSR, P 3-108, 1963 FOR CREL, 1965, AD 715,091 CREL TL 115

SHEAR STRESS

SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA, 1963, DOR RES PAPER VJ 297

SHELF SEDIMENTS

COAST AND SHELF OF THE BEAUFORT SEA, J C REED, J E SATER, EDS, PROC SYMPOSIUM BEAUFORT SEA COAST SHELF RESEARCH, SAN FRANCISCO, JAN 7-9, 1974, ARCTIC INSTITUTE OF NORTH AMERICA, E2599, GC401A8
GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964

SHELL CANADA LTD

MACKENZIE DELTA GAS DEVELOPMENT SYSTEM, VOL 2, WELL DESIGN AND OPERATIONS, BY GULF OIL CANADA LTD, IMPERIAL OIL LTD, + SHELL CANADA LTD, OCT 1974, E2406

SHIELDS, J K

CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT, FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67

SHILTS, W W

EXPLORATION FOR ARCHEAN POLYMETALLIC SULPHIDE DEPOSITS IN PERMAFROST TERRAINS, KAMINAK LAKE AREA, DIST OF KEEWATIN, R H RIDLER W W SHILTS, GEOLOG SURVEY OF CANADA 1974, G S C PAPER 73-34

SHOCK WAVES

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

SHORE LINE CHANGES

GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, Q196N7K3
PERMAFROST EROSION ALONG THE BEAUFORT SEA COAST, R J LEWELLEN, UNIVERSITY OF DENVER, MAR 1970
P BOX 2319, N/L-3, NO 711
ROLE OF CENOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255

SHORE LINES

ROLE OF CENOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255

SHUMSKII, P A

PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130

SHUR, Y L

HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMAN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTH'S CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN

SHUSTER, J A

LABORATORY TESTING AND CHARACTERIZATION OF PERMAFROST FOR FOUNDATION USES, J A SCHUSTER, ASCE SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 73-118, TA244546

SHUTKIN, A E

METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN
O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
USING SEISMIC REFLECTION TECHNIQUE IN THE VILYUI SYNCLINE, A E SHUTKIN, RAZVED GEOFIZ, NO 21, 1967, P16-32, RUSSIAN TRANSLATION R-231

SIBERIA

CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544

- SIBERIA
METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN
O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS,
TAT1016
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY
V A SIDOROVSKII, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TURBOPROVOODV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
- SIDEWALL CORING
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
- SIDOROVSKII, V A
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY
V A SIDOROVSKII, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
- SILICA
SOVIET GEOGRAPHY, REVIEW AND TRANSLATION, JUNE 1970, AMERICAN GEOGRAPHICAL SOCIETY, TRANSL
R-233
- SILTS
CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB
HANOVER, N H, JULY 1974, TECH RPT 252
- SILURIAN
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- SIMMONS, J B
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555
- SIMMONS, S O
EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY
MAY 1, 1975, EPR.6PR.75
- SIMPSON OIL FIELD
CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-L, 1964
- SIMULATION
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV
SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
- SIMULATION MODELS
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY
MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
- SITE PREPARATION
CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYD,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF
BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- SITE SELECTION
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TAT1016

- SIBERIA
METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN
O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS,
TA71016
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY
V A SIDOROVSKII, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TURBOPROVODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
- SIDEWALL CORING
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871ST-1967
- SIDOROVSKII, V A
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY
V A SIDOROVSKII, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
- SILICA
SOVIET GEOGRAPHY, REVIEW AND TRANSLATION, JUNE 1970, AMERICAN GEOGRAPHICAL SOCIETY, TRANSL
R-233
- SILTS
CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB
HANOVER, N H, JULY 1974, TECH RPT 252
- SILURIAN
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAD ARCTIC ARCHIPELAGO,
G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- SIMMONS, J B
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555
- SIMMONS, S O
EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY
MAY 1, 1975, EPR.6PR.75
- SIMPSON OIL FIELD
CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-L, 1964
- SIMULATION
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV
SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
- SIMULATION MODELS
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH
CANADIAN CHEM ENG CONF, OTTOWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY
MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
- SITE PREPARATION
CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1960
FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
INUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN, SUPPL BY D W BOYDC,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH
COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
PREFABRICATION IN NORTHERN HOUSING, BY R E PLATTS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF
BLDG RESEARCH TECHNICAL PAPER NO 110, NOV 1960
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- SITE SELECTION
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016

- SLASARCHUK, W A FINAL REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL,72, MVPL FEAS STUDY,72, BACK-UP DATA BKS,V18 GEOTECH STUD 18-4, E 1566
INTERIM REPORT, THERMAL CONDUCTIVITY MEASUREMENTS OF FROZEN + THAWED PERMAFROST, INUVIK AREA, W SLUSARCHUK, MVPLRL,72, MVPL FEAS STUDY,72, BACK-UP DATA BKS,V18 GEOTECH STUD 18-3, E 1565
- SLOPE DEVELOPMENT ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QEB306
- SLOPE STABILITY ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57,PRINT NO 805
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
SOME ASPECTS OF NATURAL SLOPE STABILITY IN PERMAFROST IN RELATION TO APPLICANTS PROPOSED PIPE LINE, BY NORTHERN ENG SERVICES LTD FOR CANADIAN ARCTIC GAS LTD, OCT 1974, E2512
- SLOPES PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60685
PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1969, V 3, UNIV TORONTO PRESS, 1966, TA71075
- SLUMPING SEGREGATED EPIGENETIC ICE AND SLUMPS IN PERMAFROST - MACKENZIE DELTA AREA, N W T, BY J R MACKAY, GEOGR BR, CANADA DEPT OF MINES + TECH SURVEYS, OTTAWA, 1966, M/MC-5
- SLUPSKY, J W PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-8
- SLUSARCHUK, W A DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY,72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLOC RES, OTTAWA, 1973, TECH PAPER 388
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY,72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972, FEAS STUDY,72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575
THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4
THERMAL EFFECTS IN PERMAFROST, L W GOLD ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376
- SMITH, B W INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
- SMITH, M W FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TA710565
PERMAFROST IN THE MACKENZIE DELTA, NORTHWEST TERRITORIES, M W SMITH, GEOLOGICAL SURVEY OF CANADA, 1976, E3083, G S C PAPER 75-28
- SMITH, T K ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
- SNODGRASS, M P WASTE DISPOSAL AND TREATMENT IN PERMAFROST AREAS, A BIBLIOGRAPHY, BY M PSNODGRASS, DEPT OF INTERIOR, WASHINGTON, DC, MAR 1971, PB 198,988

SNOW

ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING
COMMAND, JUNE 1974, AD 782 580
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, VOL 28 PART 1, U S ARMY COLD REGIONS RES
AND ENGINEERING LAB, JULY 1974, CRREL RPT 12
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, J MOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G606B5
PRINCIPLES OF GEOCRYCLOGY...PT 2-ENGINEERING GEOCRYCLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
SNOW, ICE AND PERMAFROST IN MILITARY OPERATIONS, R F FLINT, U S ARMY SNOW, ICE AND PERMAFROST
RESEARCH ESTABLISHMENT, WILMETTE, ILLINOIS, SEPT 1953, CRREL TECH RPT 15
THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESON, I O L
SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPRC-9MIR-74

SNOW CONDITIONS

ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY G P
WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957
APPLICATIONS OF REMOTE SENSING + BENEFITS TO CANADA, PROC 2ND CANADIAN SYMP ON REMOTE SENSING
UNIV OF GUELPH, APR 29-MAY 1, 1974, SPON BY CANADA CENTRE REMOTE SENSING ET AL, 2 VOL, GB131C1
ARCTIC ENVIRONMENTAL CHANGES, BY K V ABRAHAMSSON, ARCTIC INSTITUTE OF NORTH AMERICA,
RESEARCH PAPER NO 39, NOV 1966, CLEARINGHOUSE AD644631
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURDNYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURDNYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURDNYI ET AL, LIBRARY OF CONGR
FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB,
AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

SNOW ENGINEERING

ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB,
AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY
CENTER, TECHNICAL TRANSLATION, 1970, AD745544

SNOW MECHANICS

PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1949, PUBLISHED BY IOL, CALGARY 1953,
HC117H3
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN,
NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512

SNOW ROADS

PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY
SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG
RESEARCH TECHNICAL PAPER NO 127, AUG 1961

SOCIAL CONDITIONS

ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN
STUDIES AND UNIVERSITY OF ALBERTA, E02666

SOCIETY PROF WELL LOG ANALYSTS TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG
ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

SOIL ANALYSES

ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QE83U6

SOIL ANALYSIS

GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD,
DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, KTE SELECT+EVAL, REPT NO 1-5, E 1296

SOIL CLASSIFICATION

PERMAFROST INVESTIGATIONS AT AKLAVIK 1953%DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963
THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568

SOIL COMPRESSIBILITY

EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG
CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE,
RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANDOVER, JAN, 1972, CRREL TRANSL TL 291

SOIL CONDITIONS

AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAW IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S
ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ARCTIC PIPELINE DESIGN AND CONSTRUCTION, BY C DUNCAN, I O L PROD RESEARCH AND TECH SERVICES,
QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 4
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA
LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
CONSTRUCTION IN PERMAFROST, OBSTACLES OF SOIL AND CLIMATE, BY H B DICKENS, NATIONAL RESEARCH
COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 86, JAN 1950
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R
ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1086
DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZOUK, G H JOHNSTON, J J HAMILTON,
NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD
AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
FORT SIMPSON, N W T - ENGINEERING SITE INFORMATION, SOIL AND PERMAFROST CONDITIONS,
BY J A PIHLAINEN, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECH PAPER 126, AUG 1961
FOUNDATION DESIGN, INTERIM REPORT BY NORTHERN ENGINEERING SERVICES LTD, FOR CANADIAN ARCTIC
GAS STUDY LTD, JULY 1974, E2510
GEOLOGY AND TRANSPORTATION ROUTES, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH TECHNICAL PAPER NO 64, MARCH 1959
GUIDE FOR DESIGN AND CONSTRUCTION OF PILE FOUNDATIONS IN PERMAFROST, NATIONAL RESEARCH
COUNCIL OF CANADA TECH TRANSL 1314, BY K J E BROWN, 1968
MEASUREMENT OF FROST HEAVING FORCES ON PILES, F E CRODY AND R E REED, U S ARMY COLD REGIONS
RESEARCH AND ENG LAB, OCTOBER 1965, TECHNICAL REPORT 145, AD 484 955
OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND
TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E
BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158
PERMAFROST INVESTIGATIONS IN THE MACKENZIE DELTA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF
CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 51, APRIL 1958
PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J
E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175
PERMAFROST RESEARCH, BY R F LEGGET, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH
TECHNICAL PAPER NO 40, 1954
PIPELINES AND SOIL TEMPERATURES IN NORTHERN CANADA, SECOND PROGRESS REPORT, BY R A HEMSTOCK
I O L, PROD RES AND TECH SERV DEPT, CALGARY, JAN 1968, IPRT-4ME-68

SOIL CONDITIONS

PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT CALGARY, JUNE 1966, REPORT NO IPRT-441-66
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE, PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
SHEAR STRENGTH OF FROZEN GROUND AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAIA, TRANSLATED FROM IZD-VO AKAD NAUK SSSR, P 3-108, 1963 FOR CRREL, 1965, AD 715,091 CRREL TL 115

SOIL CONDUCTIVITY

DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV SPECIAL REPORT, MARCH 1, 1973, EPR-10PR.73

SOIL CONSOLIDATION

EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2

SOIL CORROSION

CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, BY M ROMANOFF, NATIONAL ASSOC OF CORROSION ENGRS, 1969 CONF, HOUSTON, TEX, PREPRINT NO 81, TA462N2
CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, M ROMANOFF, 25TH ANN NACE CONF, HOUSTON, MARCH 10-14 1969, PAPER NO 81, PRINT NO 839

SOIL DAMAGE

ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY OCT 26-27, 1970, APOA-70-1
PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-LINE RESEARCH PROJECT 483, BY T G WATMORE, I O L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK-PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3

SOIL MECHANICS

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION SERVICE, FEB 1972, P BOX 2590
CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB HANOVER, N H, JULY 1974, TECH RPT 252
DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 19, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
FUNDAMENTAL CONCEPTS FOR THE RAPID DISENGAGEMENT OF FROZEN SOIL, PHASE 1, FOSTER-MILLER ASSOC INC FOR U S ARMY, CORPS OF ENG, COLD REGIONS RES+ENG LAB, HANOVER, MAY 1973, CRREL TR 233
GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6
MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648

SOIL MECHANICS

- MECHANISM OF FROZEN GROUND, N A TSYTOVICH, G K SWINZOW, EDITORS, TRANSLATED FROM RUSSIAN, MCGRAW-HILL, 1975, TA713T8
- MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL, ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR.109PS.75
- NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY P M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
- PERMAFROST A DIGEST OF CURRENT INFORMATION, NATIONAL RESEARCH COUNCIL, CANADA, ASSOCIATE COMM ON SOIL AND SNOW MECHANICS TECH MEMO NO 49, AUG 1957, 50P
- PERMAFROST AND RELATED ENGINEERING PROBLEMS, BY R J E BROWN, G H JOHNSTON, NATIONAL RESEARCH COUNCIL, DIV OF BLDG RES TECH PAPER NO 173, MAY 1964, OTTAWA
- PERMAFROST AT NORMAN WELLS, NWT, R A HEMSTOCK, FEB 1969, PUBLISHED BY IOL, CALGARY 1953, HC117H3
- PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION, RES AND INSTRUMENTATION, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BUILDING RES, TECH PAPER NO 178, MAR 1965
- PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOE BAY TO FORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
- PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS, A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CRREL REPORT 76-8
- PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
- PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTYSKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- PRINCIPLES OF MECHANICS OF FROZEN GROUND, N A TSYTOVICH, M I SUMGIN, U S ARMY CORPS OF ENGINEERS, SNOW ICE + PERMAFROST RESEARCH EST, WILMETTE ILL, APRIL, 1959, TRANSLATION 19
- PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND FOUNDATION ENGINEERING MONTREAL, SEPT 8-15, 1965, V 3, UNIV TORONTO PRESS, 1966, TA71015
- PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
- REPORT ON THE GEOTECHNICAL SCIENCES TO SOLID-EARTH SCIENCE STUDY GP OF THE SCIENCE COUNCIL OF CANADA, NATIONAL RESEARCH COUNCIL CAN, OTTAWA, JUNE, 1969, TECH MEMO NO 95
- RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT821
- RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
- REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
- SOIL SAMPLING IN PERMAFROST AREAS, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 155, JULY 1963
- THERMAL CONTRACTION CRACKING IN ARCTIC SOILS - A MODEL STUDY FINAL REPORT, INSTITUTE OF ARCTIC ENVIRON ENG, UNIV OF ALASKA, JULY 1969, TRANS ALASKAN PIPELINE PROJECT, E 2139

SOIL MODELS

- EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
- THERMAL CONTRACTION CRACKING IN ARCTIC SOILS - A MODEL STUDY FINAL REPORT, INSTITUTE OF ARCTIC ENVIRON ENG, UNIV OF ALASKA, JULY 1969, TRANS ALASKAN PIPELINE PROJECT, E 2139

SOIL MOISTURE

- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
- FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514

SOIL MOISTURE

PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297

SOIL PROFILES

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QE915L39
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2

SOIL RECLAMATION

PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-LINE RESEARCH PROJECT 483, BY T C WATMORE, I O L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70

SOIL REFRIGERATION

ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
CHRONOLOGICAL BIBLIOGRAPHY ON ARCTIC ENGINEERING, BY S T LI, LIST TECHNICAL INFORMATION SERVICE, FEB 1972, P BOX 2590
FREEZEBACK CONTROL AND PILE TESTING, KOTZERUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-095
PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH + ENGG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73

SOIL SAMPLES

INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580
SOIL SAMPLING IN PERMAFROST AREAS, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 155, JULY 1963

SOIL STABILIZATION

PRETHAWING FOR FOUNDATIONS IN PERMAFROST, R F REUSS, PAPER PREPARED FOR ASCE JOURNAL OF SOIL MECHANICS + FOUND DIV, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-115
PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, RPT NO 1-14, E 1305
STABILIZATION OF SOILS + STRUCTURES BY PASSIVE HEAT TRANSFER DEVICES, E D WATERS, PRESENTED AT AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 11-15, 1973, AICHE PRINT NO 4980

SOIL STUDIES

ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NOR-X-32

SOIL STUDIES

FACTORS RELATED TO FROST ACTION IN SOILS, U S HIGHWAY RESEARCH BOARD OF THE NATIONAL RESEARCH COUNCIL, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D C, 1955, U S HIGHWAY RES BRD BULLETIN 111
INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC, SUBARCTIC REGIONS, TREES OF INTERIOR ALASKA
THEIR SIGNIFICANCE AS PERMAFROST INDICATORS, E G STOECKELER, US ARMY ENG ACCEL, 1952, TR-39
LANDSLIDE STUDIES IN THE SANS SAULT RAPIDS AREA, E C MCROBERTS, N R MORGENSTERN, UNIV OF ALTA
FOR MACKENZIE VALLEY PIPE LINE RES LTD + CAN ARCTIC GAS STUDY LTD, SEPT 1973, MVPL-1973-6

SOIL TESTS

BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY
STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGU F-43, G P COLPITTS ET AL, IOL PRODUCTION
RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA
LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL
72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD,
DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+VAL, REPT NO 1-5, E 1296
INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST
REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298
INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972,
BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580
PERMAFROST INVESTIGATIONS AT AKLAVIK 1953 DRILLING AND SAMPLING, BY J A PIHLAINEN, G H
JOHNSTON, NATIONAL RES COUNCIL, CAN, DIV OF BUILDING RES TECH PAPER NO 16, OTTAWA, JAN 1954
PRINCIPLES OF MECHANICS OF FROZEN GROUND, N A TSYTOVICH, M I SUMGIN, U S ARMY CORPS OF ENGIN
SNOW ICE + PERMAFROST RESEARCH EST, WILMETTE ILL, APRIL, 1959, TRANSLATION 19
REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG
LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL
ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT821
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
RESULTS OF PRESSUREMETER TESTS AT THE DAWSON CITY TEST SITE, RPT OF INVESTIGATION, B LADANYI
FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, JUNE 1973, MVPL-1973-2
SHEAR STRENGTH OF FROZEN GROUND AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAIA, TRANSLATED
FROM IZD-VO AKAD NAUK SSSR, P 3-108, 1963 FOR CRREL, 1965, AD 715,091 CRREL TL 115
STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE
STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6903 JUNE 1970
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN,
UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
THERMAL CONDUCTIVITY MEASUREMENTS IN INUVIK AND OTTAWA, F GREEBE, MVPLRL, 1972, MVPL FEASIB
STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CON, STATS+TERM, COMMUN, RPT 18-6, E1568
THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR
MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4
TRIAxIAL CONSTANT STRAIN RATE TESTS AND TRIAXIAL CREEP TESTS ON FROZEN OTTAWA SANDS, FRANCIS
H SAYLES, AUGUST 1974 CRREL TECH REPT 253

SOILS

EFFECT OF DISTURBANCE ON PERMAFROST TERRAIN, BY J BROWN ET AL, J S ARMY COLD REGIONS RESEARCH
AND ENGINEERING LAB, HANOVER, NOV 1969, AD 699,327, CRREL SPECIAL REPORT 138
INUVIK, N W, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN+SUPPL BY D W BOYCK,
NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL
RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN,
DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL,
BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60685

- SOILS
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY
BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3,
TA71016
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAT AND
W W PETTAPECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
SUBSURFACE ORGANIC LAYER ASSOCIATED WITH PERMAFROST IN THE WESTERN ARCTIC, J ROSS MACKAY
CANADA GEOGRAPHICAL BRANCH PAPER NO 18, 1958
THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESEN, I O L
SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPRC-9MIR-74
- SOLAR ENERGY
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS
IN ENGINEERING GEOCRYOLOGY, BY N I SALTYSOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- SOLAR RADIATION
PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF
MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- SOLID GAS HYDRATES
PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- SOMERSET ISLAND
GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON
MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- SOUND WAVES
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- SOVIET GEOGRAPHY
SOVIET GEOGRAPHY, REVIEW AND TRANSLATION, JUNE 1970, AMERICAN GEOGRAPHICAL SOCIETY, TRANSL
R-233
- SPANN, M M
EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY
MAY 1, 1975, EPR.6PR.75
- SPECIFIC HEAT
PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE,
PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968
- SPECIFICATIONS
ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT
CALGARY, FEBRUARY 1974, IPRC-4ME-74
- SPEER, E W
PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER
ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
- SPEER, T L
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL
NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL
72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
- SPIRIDONOV, V V
SOLUTION OF ENGINEERING PROBLEMS OF THE TAZOVSKOE-NORILSK GAS PIPELINE, BY V V SPIRIDONOV,
STROIT TRUBOPROVODOV 9 NO 10 3-6 1964, TRANSL A T S RJ-5778
- SPIITSBERGEN
GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM DNARCTIC GEOL, CALGARY,
JAN 11-13, 1960, ASPG, G D RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- SPLIT LAKE AREA, MAN
PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION, RES AND INSTRUMENTATION, BY
G H JOHNSTON, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BUILDING RES, TECH PAPER NO 179, MAR 1965
- SPRINGS
PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN
SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28

- SPRINKLING INFILTRATION METHOD PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
- SPROULE, J C AND ASSOC LTD GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
- ST LAWRENCE LOWLANDS GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967
- STABILITY ANALYSIS GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
- STABILIZATION STABILIZATION OF SOILS + STRUCTURES BY PASSIVE HEAT TRANSFER DEVICES, E D WATERS, PRESENTED AT AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 11-15, 1973, ATCHE PRINT NO 4980
- STATISTICAL METHODS INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QE515L39
- STEARNS, S R PERMAFROST, PERENNIALY FROZEN GROUND, S RUSSEL STEARNS, U S ARMY COLD REGIONS RESEARCH + ENG AUG 1966, CRREL MONOGRAPH 1-A2
- STEEL CORROSION CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, BY M ROMANOFF, NATIONAL ASSOC OF CORROSION ENGRS, 1969 CONF, HOUSTON, TEX, PREPRINT NO 81, TA462N2
CORROSION EVALUATION OF STEEL TEST PILES EXPOSED TO PERMAFROST SOILS, M ROMANOFF, 25TH ANN NACE CONF, HOUSTON, MARCH 10-14 1969, PAPER NO 81, PRINT NO 839
- STEEL TANKS STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- STEELS STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- STEHLE, N S ADFREEZING STRENGTH OF ICE, BY N S STEHLE, INTERNATIONAL ASSOC FOR HYDRAULIC RESEARCH, ICE SYMPOSIUM, REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.3, TC516
- STOECKELER, E G INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC, SUBARCTIC REGIONS, TREES OF INTERIOR ALASKA THEIR SIGNICANCE AS PERMAFROST INDICATORS, E G STOECKELER, US ARMY ENG ACFL, 1952, TR-39
- STOL AIRCRAFT TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555
- STORAGE PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
- STORAGE TANKS STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSO AS, UNDER THE STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- STORMS HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
- STRAIN GAUGES PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144
- STRAIN MEASUREMENT INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2

- STRAIN MEASUREMENT INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
- STRANG, R M ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NOR-X-32
- STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14
- STRATIFIED SYSTEMS PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959
- STRATIGRAPHIC DATUMS PROCEEDINGS OF THE GEOLOGICAL SEMINAR ON THE NORTH SLOPE OF ALASKA, ED BY W L ADKISON, M M BROSGE, A A P G PACIFIC SECTION, LOS ANGELES, 1970, SPONSORED BY HUMBLE OIL, QE84A5
- STRATIGRAPHIC STUDIES STRATIGRAPHY OF THE MACKENZIE RIVER DELTA, N W T, CANADA, BY G H JOHNSTON, R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1965, DIV BUILDING RES, RES PAPER NO 235
- STRATIGRAPHY AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL
- FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
- CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
- PROFESSIONAL PAPER 305-L, 1964
- GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
- FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LOETTERMAN, M D MANGUS
- EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
- REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
- STRESS PRINCIPLES OF GEOCRYSOLOGY...PT 2-ENGINEERING GEOCRYSOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS
- IN ENGINEERING GEOCRYSOLOGY, BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
- PRINCIPLES OF GEOCRYSOLOGY...PT 2-ENGINEERING GEOCRYSOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING,
- FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
- PRINCIPLES OF GEOCRYSOLOGY, PART 2-ENGINEERING GEOCRYSOLOGY, CHAPT 5-BASES AND FOUNDATIONS, BY
- N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
- RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL
- ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT821
- STRESS ANALYSIS PRELIMINARY CASING DOWNDRAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973,
- LAB REPORT NO L-42273
- STRESS ANALYSIS FOR FOUNDATIONS IN PERMAFROST, BY KESHAVAN NAIR, A S C E SYMPOSIUM COLD
- REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 33, TA24A5A6
- STRESS STRAIN CALCULATIONS ARCTIC PIPELINE DESIGN AND CONSTRUCTION, BY C DUNCAN, I O L PROD RESEARCH AND TECH SERVICES,
- QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 4
- STROITELSTVO TRUBOPROBODOV SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
- TURBOPROBODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5
- TAZOVSKOE-NORILSK GAS LINE - THE WORLD'S NORTHERN MOST GAS TRUNK LINE, BAKNOVSKI, A K
- TRANSL FROM STROITELSTVO TRUBOPROBODOV, NO 8, AUG 1964, 6-8 P, TRANSL R-101
- STRUCTURAL ANCHORS FIELD TESTS OF DEEP POWER-INSTALLED SCREW ANCHORS IN PERMAFROST, G H JOHNSTON, B LADANYI,
- NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RES, AUGUST 1974, RESEARCH PAPER NO 608
- RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
- ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154
- STRUCTURE TEST HOLES CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
- PROFESSIONAL PAPER 305-L, 1964

- STRUCTURE TEST HOLES PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
- STUCHLY, J M PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- SUBMARINE CARGO SHIPS DESIGN PROBLEMS OF FLOWING GAS PIPELINE TEMPERATURE IN PERMAFROST, G W WALKER + J M STUCHLY PRESENTED AT 74TH ANNUAL MTG OF THE AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 1973, PRINT 4977
- SUBMARINE PIPELINES TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE2155S
- SUBMARINE TOPOGRAPHY ARCTIC OFFSHORE PIPELINE FEASIBILITY STUDY IN MACKENZIE RIVER DELTA, BY R J BROWN AND ASS FOR ARCTIC PETROLEUM OPERATORS ASS, CALGARY, APOA PROJECT NO 39 FEB 1973 APOA-73-1
- SUBSIDENCE TRENCHING ON SHORE AND IN THE OCEAN IN ARCTIC REGIONS - STATE-OF-THE-ART SURVEY, U S NAVAL CIVIL ENGINEERING LABORATORY, MARCH 1974, AD 777 046
- AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAW IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, TOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
- ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
- CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
- CONSERVATIVE DOWNDRAW ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, DECEMBER 1973, IPRT-28ME-73
- DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH SERV, NOVEMBER 1973, LAB REPORT NO L-60573
- DEEP PERMAFROST CORING, A PROJECT SUMMARY, VOL 1+2 (2 AT PR+TS ONLY) C C BOMBARDIERI, I O L PROD RES + TECH SERV DEPT, CALGARY, MARCH 1974, IPRT-1ME-74
- DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
- HIGHWAY SUBSIDENCE FROM PERMAFROST, BY G E JOHNS, A S C E SYMPOSIUM COLD REGIONS ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P170-193, TA24A5A6
- PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
- SUBSURFACE MAPPING CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FORU S OFFICE OF NAVAL RES, MAY 1972, AD772549
- SUBSURFACE WATER CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
- PERMAFROST HYDROLOGY, CANADIAN NAT'L COMMITTEE, THE INTERNATIONAL HYDROLOGICAL DECADE, PROC OF WORKSHOP SEMINAR, ENVIRONMENT CANADA, OTTAWA, 1974, TC5C1
- PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- SUGAYA, J REPORT ON PERMAFROST SURVEYING MANCHURIA, 1943, U NAKAYA, J SUGAYA, NATIONAL RESEARCH COUNCIL OF CANADA TECHNICAL TRANSLATION TT-382, 1953
- SUMGIN, M I PRINCIPLES OF MECHANICS OF FROZEN GROUND, N A TSYTOVICH, M I SUMGIN, U S ARMY CORPS OF ENGIN SNOW ICE + PERMAFROST RESEARCH EST, WILMETTE ILL, APRIL, 1959, TRANSLATION 19
- SURFACE CASING CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUDEC, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-6ME-72

- SURFACE GEOLOGY** GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDETERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO, BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY D L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964
- SURFACE MINING** NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- SURFACE TEMPERATURES** SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR.1PR.74
- SURFACE WATER** PERMAFROST HYDROLOGY, CANADIAN NAT'L COMMITTEE, THE INTERNATIONAL HYDROLOGICAL DECADE, PROC OF WORKSHOP SEMINAR, ENVIRONMENT CANADA, OTTAWA, 1974, TC501
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
- SURVEYING** DEEP BENCH MARKS IN CLAY AND PERMAFROST AREAS, BY M BOZOUK, G H JOHNSTON, J J HAMILTON, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 166, DEC 1963
- SVERDRUP BASIN** ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN STUDIES AND UNIVERSITY OF ALBERTA, E02666
- SWEDEN** SNOW ROADS AND ICE LANDINGS, BY B H AGER, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 127, AUG 1961
- SWINZOW, G K** MECHANISM OF FROZEN GROUND, N A TSYTOVICH, G K SWINZOW, EDITORS, TRANSLATED FROM RUSSIAN, MCGRAW-HILL, 1975, TA713T8
- SWITZERLAND** TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657
- SYMPOSIUM ON GEOL CAN ARCTIC** GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
- SYMPOSIUMS** PERIGLACIAL ENVIRONMENT PAST AND PRESENT, ED BY T L PEWE, MCGILL-QUEENS UNIVERSITY PRESS, MONTREAL, 1969, QE697P3
- SYNTHETIC SEISMOGRAMS** TRANSACTIONS OF THE SPWLA EIGHT ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967
- TAGLU AREA, N W T** CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
CONSERVATIVE DOWNDRAG ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAK, I O L PROD RES+TECH SERV DEPT, DECEMBER 1973, IPRT-28ME-73

- TAGLU GAS FIELD, N W T ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRAW PROBLEMS IN TAGLU PROD WELLS
R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74
TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76
- TAGLU GAS PLANT REPORT ON GEOTECHNICAL RECOMMENDATIONS AND DESIGN CRITERIA, FOR BEAUFORT GAS PROJECT IMPERIAL
OIL LIMITED TAGLU N W T, PREPARED FOR FLUOR CANADA LTD, R M HARDY + ASSOC LTD, HARDY-75-2
- TAKSA, B G EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL,
NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
- TALIKS PRINCIPLES OF GEOCRYOLOGY...PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION
IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST
AREAS, BY V M PONOMAREV, N T TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- TANK FOUNDATIONS STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYSK ESSD AS, UNDER THE
STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- TANKAGE ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT
CALGARY, FEBRUARY 1974, IPRC-4ME-74
- TANKERS HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555
- TARGULYAN, D P INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
- TARGULYAN, Y O INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL,
U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694120
- TASK FORCE ON NORTH OIL DEVEL GEOTECHNICAL STUDIES OF PERMAFROST IN THE FORT GOOD HOPE-NORMAN WELLS REGION, NWT, P M ISAACS
CANADA DEPT ENVIRONMENT, TASK FORCE ON NORTHERN OIL DEV, OTTAWA 1974, E02645, RPT 74-16
HYDROGEOLOGICAL CONSIDERATIONS IN NORTHERN PIPELINE DEVELOPMENT, R L HARLAN, TASK FORCE ON
NORTHERN OIL DEVELOPMENT, OTTAWA, NOV 1974, E2680, RPT 74-26
LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR
FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL
SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVEL, JAN 1974, E2118, RPT 73-43
SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, N W T, J A
HEGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND
W W PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STPANG, CAN DEPT OF
ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14
- TAYLOR, A E CANADIAN GEOTHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND
A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOTHERMAL SERIES 1
CANADIAN GEOTHERMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT
OF ENERGY, MINES AND RESOURCES, 1975, GEOTHERMAL SERIES NO 3
- TAYLOR, T P SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV
SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73

- TAZOV GAS FIELD, SIBERIA STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY V A SIDOROVSKII, G A MEZHLOMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
- TECHNOLOGICAL LITERATURE TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
- TECTONIC HISTORY GEOLOGY OF CANADIAN ARCTIC, PROCEEDINGS OF SYMPOSIUM, ED BY J D AITKEN + J D GLASS, SASKATOON MAY 1973, GEOLOGICAL ASSOCIATION OF CANADA, CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS, QE196C1
GEOLOGY OF THE ARCTIC, PROCEEDINGS OF THE 1ST INTERNATIONAL SYMPOSIUM ON ARCTIC GEOL, CALGARY, JAN 11-13, 1960, ASPG, G O RAASCH, ED, UNIV OF TORONTO PRESS, 1961, 2 VOLS + MAPS, QE70157
- TECTONICS GATHERING, HAND + PREP PERMAFROST SAMPLES FOR THERMAL CONDUCT MEASURE, INUVIK, NWT, F GREEBE, MVPLRL-72, MVPL FEAS STUDY-72 BACK-UP DATA BKS, V18 GEOTECH STUD, PL CON, 18-5, E 1567
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-9MG-59
TEXACO PERMAFROST DENSITY LOGGING RPT, L P O'CONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972, MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564
- TELFORD, A S ARCTIC DEVELOPMENT AND PRODUCTION SYSTEMS, BY N KLJUJEC, A S TELFORD, L W WHITMER, I O L PROD RES+TECH SERV DEPT QUAR PROJECT FEB-APR, 1971 V4 NO 2 23P
LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUJEC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10
- TELLURIC CURRENTS INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
- TEMPERATURE DISTRIBUTION PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
TEMPERATURE FIELD EFFECT ON THE DISTRIBUTION OF SEISMIC VELOCITIES IN THE PERMAFROST ZONE, BY F F APTIKAEV, AKAD NAUK SSSR SIBIR OTD-IE INST MERZLOTOVEDENIIA, 1964, P190-99, TRANSL R-259
THAWING OF THE PERMAFROST AROUND AN OPERATING WELL, BY B A KRASIVITSKII, TRANSL FROM IZV VYSSH UCHEB ZAVEDENII NEFT GAZ, NO 9, 1970, RUSSIAN TRANSL R-307
- TEMPERATURE DROP MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
- TEMPERATURE EFFECT CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
TEMPERATURE FIELD EFFECT ON THE DISTRIBUTION OF SEISMIC VELOCITIES IN THE PERMAFROST ZONE, BY F F APTIKAEV, AKAD NAUK SSSR SIBIR OTD-IE INST MERZLOTOVEDENIIA, 1964, P190-99, TRANSL R-259
THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH, U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B
- TEMPERATURE LOGS CANADIAN GEOTHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOTHERMAL SERIES 1
CANADIAN GEOTHERMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, 1975, GEOTHERMAL SERIES NO 3
LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUJEC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10
THE EFFECTS OF PERMAFROST, GAS HYDRATES AND PAST CLIMATIC REGIMES ON GEOTHERMAL GRADIENTS, BY W J SANDERSON, I O L EDMONTON NORTH EXPL DIST, MARCH 1971, IPRNAT-2MG-71
- TEMPERATURE MEASUREMENT APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71

- TEMPERATURE MEASUREMENT DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G REMPEL, IOL ARCTIC COORDINATION, PARTS A AND B, IPRC-7ME-70
HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMEN, YU L SHUR, MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTH'S CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3
INVESTIGATION AND MEASUREMENT OF PERMAFROST, B W SMITH, I O L GEOPHYS SERV+RES DEPT, NOV 1972 IPRCER-9MGP-72
LONG TERM DOWN HOLE TEMPERATURE MONITORING THROUGH ARCTIC PERMAFROST, BY N KLJUJEC, A TELFORD I O L PROD RES+TECH SERV DEPT, PRODUCTION RESEARCH DIGEST, VOL 5 NO 1-2 JUNE, 1971 P 7-10
MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19, 20, 1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
PRINCIPLES OF GEOCRYOLOGY, PT I, GENERAL GEOCRY, CHAPT VIII, TEMPERATURE, THICKNESS AND DISCONTINUITY OF PERMAFROST, BY V A KUDRYAVTSEV, NAT RES COUNCIL, OTTAWA, 1965, NRC TT-1187
- TEMPERATURE PENETRATION TESTS GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
- TEMPERATURE PROFILES MACKENZIE VALLEY PIPE LINE RESEARCH LIMITED INUVIK TEST FACILITIES, INTERIM RPT ON OPERATIONS MARCH 1 - JUNE 12, 1970, BY CANADIAN BECHTEL LTD, JULY 1970, MVPL-1970-2
NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUJEC, L W WHITMER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73
- TEMPERATURE RECORDERS COMPACT SELF-CONTAINED GROUND TEMPERATURE RECORDER, BY G H JOHNSTON, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BUILDING RESEARCH, OTTAWA, NOV 1966, TECH PAPER NO 238
- TEMPERATURE SURVEYS GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970 USGS MISC
- TEMPERATURE VARIATIONS PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIALY FROZEN GROUND AND VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY V A SIDOROVSKII, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
- TEMPERATURE ZONES COMPARISON OF OBSERVED AND CALCULATED GROUND TEMPERATURES WITH PERMAFROST DISTRIBUTION UNDER A NORTHERN LAKE, BY BROWN, W G, ET AL, N R C OTTAWA, 1964, DIV BUILDING RES, TECH PAPER NO 186
DISTRIBUTION OF PERMAFROST AND ITS RELATION TO AIR TEMPERATURE IN CANADA AND IN THE U S R BY R J E BROWN, NATIONAL RES COUNCIL, OTTAWA, 1960, DIV BUILDING RES, RESEARCH PAPER 112
- TEMPERATURES BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961
ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, 61530J7
- TERMINOLOGY PERMAFROST TERMINOLOGY, R J E BROWN AND W O KUPSCH, NATIONAL RESEARCH COUNCIL OF CANADA, DEC 1974, TECHNICAL MEMORANDUM NO 111
- TERRAIN ANALYSIS AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306

TERRAIN ANALYSIS

ENVIRONMENTAL STUDIES FOR THE MACKENZIE VALLEY TRANSPORTATION CORRIDOR BEING CONDUCTED BY
FEDERAL AGENCIES, R M STRANG, CANADIAN FORESTRY SERV, MAY 1972, INFORMATIONAL REPORT NOR-X-32
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD,
DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
LANDFORMS AND SURFACE MATERIALS OF CANADA A STEREOSCOPIC AIRPHOTO ATLAS AND GLOSSARY, 4TH ED
J D MOLLARD, REGINA, 1974, TA59347
LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR
FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO DORTH ALTA, JMOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL
TECHNICAL CONFERENCE, 1970, P BOX 2551
PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E
BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB
STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF
ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14
TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL
FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322

TEST DATA

INUVIK TEST FACILITY, FINAL REPORT, VOL 3-DATA, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES
LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 3

TEST PROCEDURES

INUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY
PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS
ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154

TEST SITES

BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY
STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
PRELIMINARY GEOTECH INVEST FOR UNDERGROUND TEST LOOP IN DISCONTINUOUS PERMAFROST REG, E SPEER
ET AL, MVPL, NOV 14/70 MVPL FEASIB STUDY-71, BACK-UP DATA BKS, VOL 3, RPT NO 1-18, E 1309
PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS
BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144

TEST UNITS

PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS
BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD,
FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305

TEXACO EXPLORATION CANADA LTD

TEXACO PERMAFROST DENSITY LOGGING RPT, L P O'CONNELL, W D FREEBORN, TEXACO EXPL CAN LTD, 1972,
MVPL FEAS-STUDY-72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STNS+TERM, 18-2, E1564

THAW SETTLEMENT

ASSESSMENT OF THE POTENTIAL THAW SUBSIDENCE AND CASTING DOWNDRAW PROBLEMS IN TAGLU PROD WELLS
R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-16ME-74
BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY
STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
CONSERVATIVE DOWNDRAW ANALYSIS FOR TAGLU PRODUCTION WELLS, R H G MILLAR, I O L PROD RES+TECH
SERV DEPT, DECEMBER 1973, IPRT-28ME-73

THAW SETTLEMENT

DEEP PERMAFROST CORING PROJECT DECISION ANALYSIS, C C CARD, R H G MILLAR, I O L PROD RES+TECH SERV, NOVEMBER 1973, LAB REPORT NO L-60573
DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9
FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
GEOTECHNICAL STUDY OF HOT OIL PIPELINE THAW EFFECTS, RIPLEY, KLOHN AND LECONOFF, ALBERTA LTD, DEC 1971, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, VOL 2, RTE SELECT+EVAL, REPT NO 1-5, E 1296
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580
MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648
MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL, ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR-109PS.75
NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972, FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575
PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-14, E1576
REVIEW+RECOMMEND OF MVPL RPT ON BELOW GROUND TEST FACILITIES, R MORDAN, ACRES CONS SERV LTD, FEB 72, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECT+EVAL, REPT NO 1-14, E 1305
THAW SETTLEMENT IN ELEVATED PIPELINE SECTIONS OF TRANS-ALASKA PIPELINE SYSTEM VALDEZ TO YUKON RIVER, WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERV CO, JUNE 1972, PLR 142-158
THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4

THAWING

AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ANALYSIS OF BP HOT-OIL CIRCULATION EXPERIMENT DATA FOR THAW-SUBSIDENCE EFFECTS, C G LYONS EPRCO OFFSHORE OPERATIONS DIVISION, JULY 27, 1972, EPR-MIS-JULY 1972
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T BALOBAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, IT-1006
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S R ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, IT-1038
DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL, NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
FOUNDATION REQUIREMENTS IN THE CANADIAN ARCTIC, R G AULD ET AL, PAPER PRESENTED AT 24TH CANADIAN CHEM ENG CONF, OTTAWA ONTARIO, OCT 20-23, 1974, PRINT 849, P BOX 2679
FREEZING OF PEATLAND, R J BROWN, G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, DECEMBER 1972, TECH PAPER 381
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

THAWING

- PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY D J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
PRELIMINARY CASING DOWNDRAG ANALYSIS, R H G MILLAR, PROD RES + TECH SERV DEPT, JULY 30, 1973,
LAB REPORT NO L-42273
PRETHAWING FOR FOUNDATIONS IN PERMAFROST, R F REUSS, PAPER PREPARED FOR ASCE JOURNAL OF SOIL
MECHANICS + FOUND DIV, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-115
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL
PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS
IN ENGINEERING GEOCRYOLOGY, BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES
RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES
OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF
MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING,
FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF
ENGINEERING GEOCRYOLOGY - PERMAFROST STUDIES - BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1215
PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY
N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIALY FROZEN GROUND AND
VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL
ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT 821
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION
RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
SETTLING OF THAWING GROUND, V F ZHUKOV, U S ARMY COLD REGIONS RES AND ENG LAB, JULY 1972
AD748 157, DRAFT TRANSLATION 355
SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV
SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960,
NRC TECHNICAL TRANSLATION 1033, 1963
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN,
UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
TRANSIENT FLOW STUDY - PREDICTION OF THERMAL RESPONSE DURING WARM WATER TESTING OF PIPELINES,
BY NORTHERN ENG SERV LTD FOR CANADIAN ARCTIC GAS STUDY LTD, MAY 1974, E2517

THAWING METHODS

- ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF
MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250

THAWING PHENOMENA

- CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA
P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
DIKES ON PERMAFROST, PREDICTING THAW AND SETTLEMENT, BY W G BROWN, G H JOHNSTON, NAT RESEARCH
COUNCIL, OTTAWA, 1970, DIV OF BUILDING RESEARCH, RES PAPER NO 451
FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
GUIDE TO A FIELD DESCRIPTION OF PERMAFROST FOR ENGINEERING PURPOSES, BY J A PIHLAINEN, G H
JOHNSTON, N R C CANADA, ASSOC COMMITTEE ON SOIL SNOW MECH, OTTAWA, 1963, TECH MEMORANDUM 79
INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE,
RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JAN, 1972, CRREL TRANSL TL 291

THAWING PHENOMENA

MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
NUMERICAL SOLUTION TO THE THAW-CONSOLIDATION PROBLEM AROUND A VERTICAL PRODUCTION WELL THROUGH PERMAFROST, BY R M HARDY + ASSOC LTD FOR IMP OIL LTD, CALGARY, DEC 1973, HARDY 73-2
PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH,1972, CARREL TRANSLATION TL 319
PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL TECHNICAL CONFERENCE, 1970, P BOX 2551
RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT821
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TA71016
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
THAWING OF THE PERMAFROST AROUND AN OPERATING WELL, BY B A KRASOVITSKII, TRANSL FROM IZV VYSSH UCHEB ZAVEDENII NEFT GAZ, NO 9, 1970, RUSSIAN TRANSL R-307
THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4

THERMAL ALTERATION

PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION....BY G V PORKHAEV, MOSCOW,1959, NRC, OTTAWA, 1966, TT-1249

THERMAL ANOMALIES

BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY G B OSTPY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252

THERMAL CALCULATIONS

CALCULATION OF THE DEPTH OF THAWING TAKING INTO ACCOUNT THE EXTERNAL HEAT EXCHANGE, BY V T BALDRAEV, COLD REGIONS RES LAB, TRANSL FROM RUSSIAN BOOK, CLEARINGHOUSE RPT AD-715.069
DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
GRAPHICAL DETERMINATION OF TEMPERATURE UNDER HEATED OR COOLED AREAS ON THE GROUND SURFACE, BY W G BROWN, NATIONAL RES COUNCIL, OTTAWA, 1963, DIV OF BUILDING RES, TECHNICAL PAPER 163
MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTH'S CRUST, PT 1-4,THERMO-TECHNICAL CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI O MERZLYCH.. TRANSL R-118
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRYOLOGY,BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
SURFACE HEAT BALANCE METHOD FOR PREDICTING PERMAFROST BEHAVIOR, T W MILLER, ESSO PRODUCTION RESEARCH COMPANY, OFFSHORE OPERATIONS DIVISION, JANUARY 1974, EPR.1PR.74

THERMAL CONTRACTION

THERMAL CONTRACTION CRACKING IN ARCTIC SOILS - A MODEL STUDY FINAL REPORT, INSTITUTE OF ARCTIC ENVIRON ENG, UNIV OF ALASKA, JULY 1969, TRANS ALASKAN PIPELINE PROJECT, E 2139

THERMAL DEGRADATION

THERMAL EROSION PROBLEMS IN PIPELINING, BY T G WATMORE, I O L PROD DEPT,MS REL TO OIL INDUSTRIES, PREPRINT NO 648

THERMAL EFFECTS

ARCTIC AND SUB-ARCTIC ROAD CONSTRUCTION TECHNIQUES, D E KEYES, BUREAU OF LAND MANAGEMENT ALYESKA PIPELINE SERVICE COMPANY, AUGUST 1970, PLR 142-078
ARCTIC DEVELOPMENT AND PRODUCTION SYSTEMS, BY N KLJUDEC, A S TELFORD, L W WHITMER, I O L PROD RES+TECH SERV DEPT QUAK PROJECT REPT FEB-APR,1971 V4 NO 2 23P
EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION R-420
FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TA710565
HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970 USGS MISC

THERMAL EFFECTS

INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694,120
INUUVIK TEST FACILITY, FINAL REPORT, VOL 2-ENGINEERING REPORT, BECHTEL FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY ALBERTA, DECEMBER 1970, MVPL 70-5 VOL 2
PARAMETER STUDY OF PERMAFROST PROTECTION SYSTEMS FOR A HOT BURIED PIPELINE, ESSO PRODUCTION RESEARCH COMPANY, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-036
PRINCIPLES OF GEOCRYOLOGY..PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRYOLOGY -PERMAFROST STUDIES- BY N I SALTUKOV, MOSCOW,1959,NRC OTTAWA, TT-1215
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PROCEEDINGS OF THE THIRD CANADIAN CONFERENCE ON PERMAFROST, JAN 14-15, 1969, BY R J E BROWN, NATIONAL RESEARCH COUNCIL ASSOCIATE COMMITTEE ON GEO TECH RES TECH MEMO 96 SEP 69,E 404,516-18
SOME ESTIMATES OF THE THERMAL EFFECTS OF A HEATED PIPELINE IN PERMAFROST, A H LACHENBRUCH, U S GEOLOGICAL SURVEY CIRCULAR 632
SYSTEM FOR PROTECTING PERMAFROST FROM THE THERMAL EFFECTS OF A HOT PIPELINE, DOW CHEMICAL CO ALYESKA PIPELINE SERVICE COMPANY, UNDATED, PLR 142-090
THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005
THERMAL EFFECTS IN PERMAFROST, L W GOLD ET AL, NATIONAL RESEARCH COUNCIL, DIV OF BUILDING RESEARCH, OTTAWA, JUNE, 1972, TECH PAPER 376
THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-TEKH SB SER GAZOVCE DELO, NO 7, 1970, RUSSIAN TRANSL R-305

THERMAL EROSION

EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION R-420
PERMAFROST EROSION ALONG THE BEAUFORT SEA COAST, R J LEWELLEN, UNIVERSITY OF DENVER, MAR 1970 P 80X 2319, M/L-3, NO 711
THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005

THERMAL INSULATION

CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN,G V PORKHAEV,MOSCOW 1959, NRC, 1966, TT-1250
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8 1971, PLR 142-016

THERMAL MEASUREMENT

DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
DEVELOPMENT AND CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LABORATORY, W A SLUSARCHUK, P H FOULGER, NRC DIV BLDG RES, OTTAWA, 1973, TECH PAPER 388
GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY,REPRINTED FROM GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, 4/MC-8
PROCEEDINGS OF A SEMINAR ON THERMAL REGIME AND MEASUREMENTS IN PERMAFROST 2 AND 3 MAY 1972 NATIONAL RESEARCH COUNCIL OF CANADA, OCTOBER 1973, TECHNICAL MEMORANDUM NO 108
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUGEC, L W WHITMER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73

THERMAL PILES

POTENTIAL OF THERMAL PILES IN ARCTIC MARINE STRUCTURES, BY P R JOHNSON, I A H R ICE SYMPOSIUM REYKJAVIK, ICELAND, SEPT 8-10, 1970, PREPRINT OF PAPERS, NO 5.7, TC516

THERMAL PROPERTIES

CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
EXTENDED THERMAL SOIL BEHAVIOR MODEL, SUBMITTED TO CANADIAN ARCTIC GAS STUDY LTD BY EBA ENG CONSULTANTS LTD, EDMONTON, MAY 1973, DRAFT, BROOKER 73-9

THERMAL PROPERTIES

PRINCIPLES OF GEOCRLOGY...PT 2-ENGINEERING GEOCRLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW,1959, NRC, OTTAWA, 1966, TT-1249
THERMOPHYSICAL PROPERTIES OF SOILS SNOW AND ICE, AN ANNOTATED BIBLIOGRAPHY, K W REESON, I O L SYSTEMS AND INFORMATION SERVICES, CALGARY, JANUARY 1974, IPRC-9MIP-74

THERMAL SIMULATION

TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76

THERMAL SPRINGS

GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
PRELIMINARY NOTES ON GROUND WATER AND PERMAFROST, DISTRICT OF MACKENZIE, N W T, NORTHERN SETTLEMENTS NO 1, BY L V BRANDON, GEOL SURVEY OF CANADA, OTTAWA, 1961, TOPICAL REPORT NO 28

THERMAL STABILITY

TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT
GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104

THERMAL STRESS

MECHANICS OF THERMAL CONTRACTION CRACKS AND ICE-WEDGE POLYGONS IN PERMAFROST, BY A H LACHENBRUCH, GEOLOGICAL SOCIETY OF AMERICA, NEW YORK, 1962, GB642L3

THERMISTORS

APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
DEVELOPMENT + CALIBRATION OF A THERMAL CONDUCTIVITY PROBE APPARATUS FOR USE IN THE FIELD AND LAB, W A SLUSARCHUK, P H FOULGER, NATIONAL RESEARCH COUNCIL, JUNE 1973, NRC TECH PAPER 388
DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
GROUND TEMPERATURE MEASUREMENTS, CANADIAN WESTERN ARCTIC, G KEMPEL, IOL ARCTIC COORDINATION, PARTS A AND B, IPRC-7ME-70
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY,72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST,STATIONS,18-15,E 1577
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUCEC, L W WHITMER, I O L PROD RES AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73

THERMO-DYNAMICS, INC

COLD STORAGE SYSTEMS FOR APPLICATIONS TO OIL PIPELINES IN PERMAFROST REGIONS - A SUMMARY RPT
THERMO-DYNAMICS INC, ALYESKA PIPELINE SERVICE COMPANY, MAY 1971, PLR 142-128

THERMOCOUPLES

FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514

THERMODYNAMICS

EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
HEAT LOSS IN OIL PIPELINES,BY L P SEMENOV,G M FELDMEN,YU L SHUR,MATERIALS FOR BASIS OF STUDY OF FROZEN ZONES OF EARTHS CRUST,NO 7,MOSCOW,1961,TRANSLATED FROM RUSSIAN

THERMOKARST

CONSTRUCTION AND PERMAFROST, I I PUZANOV, V M KARPOV, U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, TECHNICAL TRANSLATION, 1970, AD745544
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTHS CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
GEOLOGY AND ICE CONTENT OF THE PERMAFROST ZONE IN THE PRUDHOE BAY AND MACKENZIE DELTA AREA PT 1, BY K W REESON, IOL S & I S, CALGARY, NOVEMBER 1972, IPRC-12MIR-72
GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARFY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE196N7K3
GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, QE613

THERMOKARST

- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-20, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
OFFSHORE PERMAFROST, SOUTHERN BEAUFORT SEA, J R MACKAY, PREPARED FOR ARCTIC PETROLEUM
OPERATORS ASSOC, FEB 1972, APJA-72-1
PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY O J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLGICAL
PHENOMENA IN PERMAFROST REGIONS, BY S P KACHUPIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY
P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E
BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
ROLE OF PERMAFROST FACTORS IN THE DYNAMICS OF BOTTOM TOPOGRAPHY IN POLAR SEAS, YE V KLYUYEV,
OCEANOLOGY, ACAD SCI, USSR, V 5, NO 5, 1965, P 78-83, RUSSIAN TRANSLATION R-256
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS,
TA71016
SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3,
TA71016

THERMOMETRY

- ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CREEL TR 95, III

THESES

- FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D
THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TA710565
GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NAT, D E KERFOOT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QE19647K3
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, A W GELL, MA THESIS, UNIVERSITY OF BRITISH
COLUMBIA, AUGUST 1973, QH10063
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH
COLUMBIA, AUGUST 1973, TA71063
NUMERICAL SIMULATION OF GEOPHYSICAL HEAT TRANSFER IN PERMAFROST AREAS, B S LANDRY, UNIVERSITY
MICROFILMS, ANN ARBOR, MICHIGAN, 1973, QC320.2L1
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK-PENINSULA REGION N W T
H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555
USE OF GEOPHYSICAL METHODS TO DETERMINE THE LATERAL DISTRIBUTION OF PERMAFROST, H W COOPER
MSC THESIS, QUEENS UNIVERSITY, 1975, FICHE, TN269C6

THOMAS, M K

- BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957, BY MORLEY K THOMAS, METEOROLOGICAL BR, DEPT OF
TRANSPORT, DIV OF BUILDING RES, NATIONAL RES COUNCIL CAN, OTTAWA, 1961

THOMPSON AREA, MAN

- PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E
BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158

THURONYI, G T

- BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CREEL-12-XXVI, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CREEL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR
FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CREEL-12-XXIV, PT1-2

TICE, A R

- PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS,
A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CREEL REPORT 76-8

TIDES

- ARCTIC RESEARCH, CURRENT STATUS OF RESEARCH + SOME IMMEDIATE PROBLEMS IN NORTH AMERICAN ARCTIC
AND SUBARCTIC, ED BY D ROWLEY, SPEC PUBL NO 2 OF ARCTIC INST OF NORTH AMERICA, DEC 1955, G57627

TOLSTIKHIN, N I

PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, IT-1138

TOPOGRAPHIC SURVEYING

LANDSCAPE SURVEY IN THE UPPER AND CENTRAL MACKENZIE VALLEY, C B CRAMPTON, CAN DEPT OF ENVIR FOR THE TASK FORCE ON NORTH OIL DEVEL, OTTAWA, JULY 1973, REPORT NO 73-8

TOPOGRAPHICAL MAPS

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965

PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308

TOPOGRAPHY

AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LEDETTERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
GROUNDWATER IN CANADA, EDITED BY I C BROWN, CANADA GEOLOGICAL SURVEY ECONOMIC RPT NO 24, 1967

PERMAFROST INVESTIGATIONS AT THOMPSON, MANITOBA - TERRAIN STUDIES, BY G H JOHNSTON, R J E BROWN, D N PICKERSGILL, NAT RES COUNCIL, OTTAWA, OCT 1963, DIV BUILDING RES TECH PAPER NO 158
PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
PERMAFROST INVESTIGATIONS ON THE MACKENZIE HIGHWAY IN ALBERTA AND MACKENZIE DISTRICT, BY R J E BROWN, NAT RES COUNCIL, OTTAWA, JUNE 1964, DIV OF BUILDING RES TECH PAPER NO 175
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO FORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965

TRACKED VEHICLES

TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555

TRANS ALASKA PIPELINE SYSTEM

FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PERMAFROST DITCHING TEST FOR TRANS-ALASKA PIPELINE SYSTEM, D J MOORE, PIPELINE TECHNOLOGISTS INC, ALYESKA PIPELINE SERVICE COMPANY, APRIL 7, 1969, PLR 142-001
PERMAFROST DESIGN CRITERIA, H R PEYTON, FOR ALYESKA PIPELINE SERVICE CO, 1969, PLR 142-006

PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL TECHNICAL CONFERENCE, 1970, P BOX 2551
SPECIAL BURIED PIPELINE PERMAFROST PROTECTION, ALYESKA PIPELINE SERVICE COMPANY, NOVEMBER 8 1971, PLR 142-016

STUDY OF FEASIBILITY OF SPECIAL BURIAL CONSTRUCTION TECHNIQUES FOR MAINLINE CONSTRUCTION ALYESKA PIPELINE SERVICE COMPANY, MARCH 8, 1972, PLR 142-019

THAW SETTLEMENT IN ELEVATED PIPELINE SECTIONS OF TRANS-ALASKA PIPELINE SYSTEM VALDEZ TO YUKON RIVER, WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERV CO, JUNE 1972, PLR 142-158

THERMAL CONSIDERATIONS OF A HOT CRUDE OIL PIPELINE IN PERMAFROST, H R PEYTON, FOR TRANS ALASKA PIPELINE, ALYESKA PIPELINE SERVICE COMPANY, SEPTEMBER 1969, PLR 142-005

TRANS-ALASKA PIPELINE THERMAL CONTROL SYSTEM DEVELOPMENT PROGRAM - INITIAL PROGRESS REPORT GENERAL ELECTRIC - SPACE DIVISION, ALYESKA PIPELINE SERVICE CO, NOV 2, 1971, PLR 142-104

TRANSLATIONS

ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE

TRANSLATIONS

- BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY
G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252
- CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV
TRANSLATED FROM NEFTYANOE KHOZYATSTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
- DETERMINING DEPTH OF SOIL FREEZING LAYER AND TIME FOR ITS MERGER WITH PERMAFROST STRATUM, G M
FELDMAN, PROTSESSY TEPLJ I MASSOGBMENA V MERZLYKH GORNYKH, 1965 P 26-35, TRANSL A T S RJ-5777
- DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARAMZIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL&FUEL LIT, LENINGRAD, 1959, TRANSLATED BY I O L, 1965 NO K-103, TN871.5N2
- EFFECT OF THERMAL ABRASION ON THE TEMPERATURE OF PERMAFROST ROCKS IN THE COASTAL ZONE OF THE
LAPTEV SEA, E N MOLOCHUSHKIN, 1973, RUSSIAN TRANSLATION R-420
- EXPERIMENT IN DEEP DRILLING WITH AIR CIRCULATION UNDER PERMAFROST CONDITIONS, V S OZYABLOV,
ET AL, RAZVEKA I OKHRANA NEFR 24, NO 10, P 45-48, 1958, TRANSL A T S RJ-1770
- EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY
R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109
- EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL,
NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
- FORMATION OF FROZEN STRATA ON THE ALLUVIAL ISLANDS IN THE ARCTIC SEAS, N F GRIGORYEV,
N S IVANOV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST, 1965, P 122-129, TRANSL R-257
- FOUNDATIONS AND BASES ON PERPETUALLY FROZEN GROUND, BY V VODKUCHAYEV, U S DEPT OF COMMERCE,
1963, AD 711909
- FROST AND FOUNDATIONS, ELEMENTARY CONDITIONS FOR PLANNING + CONST OF FOUNDATIONS IN AREAS
WITH WINTER FROST AND PERMAFROST, J K NIELSEN, RAUSCHENBERGER, NRC, OTTAWA, 1962, NRC TT 1021
- GEOLOGIC AND INDUSTRIAL GEOPHYSICAL FEATURES OF THE GAS HYDRATES FORMATION OF THE MESSOYAKH-
SKII GAS DEPOSIT, M KH SAPIR ET AL, GEOL NEFTI GAZA, NO 6, JUNE 1973, RUSSIAN TRANSL R-422
- GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT
TRANSLATION, NAUKA, 1959, P172-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221
- HEAT LOSS IN OIL PIPELINES, BY L P SEMENOV, G M FELDMAN, YU L SHUR, MATERIALS FOR BASIS OF STUDY
OF FROZEN ZONES OF EARTH'S CRUST, NO 7, MOSCOW, 1961, TRANSLATED FROM RUSSIAN
- HYDRATE FORMATION IN PERMAFROST GAS STRATUM, Y F MAKOGON, TRANSL FROM GAZ PRON NO 5, 1965,
RUSSIAN TRANSL R-314
- INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE
(SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
- INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
- MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTH'S CRUST, PT 1-4, THERMO-TECHNICAL
CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI D MERZLYKH.. TRANSL R-118
- METHOD OF INTERPRETING SEISMIC REFLECTION DATA IN THE VILYUI SYNCLINE, A E SHUTKIN
O I KHARLOVA, NATIONAL RESEARCH COUNCIL, 1973, N R C TT-1709
- OIL MIGRATION UNDER PERMAFROST CONDITIONS, BY A P RAKPTOV, TRANSLATED FROM RUSSIAN BY
H GREULICH, 1965
- PARTICULARITIES IN CALCULATION OF GAS RESERVES FOR GAS FIELDS IN PERMAFROST REGIONS, BY Y F
MAKOGON, FROM NAUCH TEKH SB SER-GAZ DELO NO 7/VI, 1965, RUSSIAN TRANSL R-329
- PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA,
TECHNICAL TRANSLATION 1401, 1970
- REPORT ON PERMAFROST SURVEYING MANCHURIA, 1943, U NAKAYA, J SUGAYA, NATIONAL RESEARCH COUNCIL
OF CANADA TECHNICAL TRANSLATION TT-382, 1953
- ROLE OF CREOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI
USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255
- ROLE OF PERMAFROST FACTORS IN THE DYNAMICS OF BOTTOM TOPOGRAPHY IN POLAR SEAS, YE V KLYUYEV,
OCEANOLOGY, ACAD SCI, USSR, V 5, NO 5, 1965, P 78-83, RUSSIAN TRANSLATION R-256
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3,
TA71016
- SHEAR STRENGTH OF FROZEN GROUNDS AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAIA, TRANSLATED
FROM IZD-VO AKAD NAUK SSSR, P 3-108, 1963 FOR CRREL, 1965, AD 715,091 CRREL TL 115
- SOLUTION OF ENGINEERING PROBLEMS OF THE TAZOVSKOE-NORILSK GAS PIPELINE, BY V V SPIRIDONOV,
STROIT TRUBOPROVODOV 9 NO 10 3-6 1964, TRANSL A T S RJ-5778

TRANSLATIONS

SOME PECULIARITIES OF FOUNDATIONS UNDER OCCUPIED BUILDINGS IN THE NORTHERN PORTIONS OF THE PERMAFROST ZONE, V F TUMMEL, U S ARMY CORPS OF ENGINEERS, 1946, AD 712,854 O
STRENGTH INCREMENT OF CONCRETE POURED INTO HOLES DRILLED IN PERMAFROST, B I DEPEZOVSKIY, O I PAVLENKO, U S ARMY CORPS OF ENGINEERS LAB, HANOVER, MARCH, 1972, CREL TRANSLATION TL 317
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY V A SIDOROVSKIY, O A MEZILUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149
TAZOVSKOE-NORILSK GAS LINE - THE WOPLOS NORTHERN MOST GAS TRUNK LINE, BAONOVSKI, A K
TRANSL FROM STROITELSTVO TRUBOPROVODOV, NO 8, AUG 1964, 6-8 P, TRANSL R-101
TEMPERATURE FIELD EFFECT ON THE DISTRIBUTION OF SEISMIC VELOCITIES IN THE PERMAFROST ZONE, BY F F APTIKAEV, AKAU NAUK SSSR SIBIR OTD-IE INST MERZLOTOVEDENIYA, 1964, P190-99, TRANSL R-259
THAWING OF THE PERMAFROST AROUND AN OPERATING WELL, BY B A KRASOVITSKIY, TRANSL FROM IZV VYSSH UCHEB ZAVEDENII NEFT GAZ, NO 9, 1970, RUSSIAN TRANSL R-307
THERMAL REGIME OF GAS WELLS IN PERMAFROST ROCKS, B KRIVOSHEIN, A KOSHELEV, TRANSL FROM NAUCH-TEKH SB SER GAZOVYE DELO, NO 7, 1970, RUSSIAN TRANSL R-305
TRANSLATION OF TWO SWISS ARTICLES ON PERMAFROST IN THE ALPS, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1973, NRC TECHNICAL TRANSLATION 1657
USING SEISMIC REFLECTION TECHNIQUE IN THE VILYUI SYNCLINE, A E SHUTKIN, RAZVED GEOFIZ, NO 21, 1967, P16-32, RUSSIAN TRANSLATION R-231

TRANSPORTATION

GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792

TRANSPORTATION CORRIDORS

BOARD OF STUDY MINUTES AND CORRESPONDENCE, MVPL RESEARCH LTD, APRIL 1972, MVPL FEASIBILITY STUDY-71, BACK-UP DATA BKS, V 3, RTE SELECTION AND EVALUATION REPORT NO 1-15, E 1306
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308

TRANSPORTATION COSTS

ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEWSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59

TRANSPORTATION PROBLEMS

GEOTECHNICAL PROBLEMS IN TRANSPORTATION, ABSTRACTS OF PAPERS GIVEN AT THE 23RD ANNUAL CANADIAN GEOTECH CONF, BANFF, NOV 19-20, 1970, BY ENG INST CAN AND CAN GEOTECH SOC, PRINT 792
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEWSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59

TREES

INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC, SUBARCTIC REGIONS, TREES OF INTERIOR ALASKA THEIR SIGNIFICANCE AS PERMAFROST INDICATORS, E G STOECKELER, US ARMY ENG ACCEL, 1952, TR-39

TRENCHING

TRENCHING ON SHORE AND IN THE OCEAN IN ARCTIC REGIONS - STATE-OF-THE-ART SURVEY, U S NAVAL CIVIL ENGINEERING LABORATORY, MARCH 1974, AD 777 046

TRIASSIC

GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LOETTERMAN, H D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
REVIEW OF THE GEOLOGY AND OPERATING CONDITIONS IN THE CANADIAN ARCTIC ARCHIPELAGO, G DE MILLE, EXPLORATION RESEARCH DEPT, CALGARY, MARCH, 1959, IPRCER-5M-59

TRIAXIAL COMPRESSION TESTS

NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016

TRUCKS

TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555

TRUSWELL, J S

PILE FOUNDATIONS IN PERMAFROST - A COMPILATION OF RECENT LITERATURE, BY J S TRUSWELL, I O L SYSTEMS + INFORMATION SERVICES, APRIL 1973, IPRC-7MIR-73

TSYTOVICH, N A

MECHANICS OF FROZEN SOILS - GENERAL AND APPLIED, N A TSYTOVICH, 1973, P BOX 2648

- TSYTOVICH, N A MECHANISM OF FROZEN GROUND, N A TSYTOVICH, G K SWINZOW, EDITORS, TRANSLATED FROM RUSSIAN, MCGRAW-HILL, 1975, TA713T8
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
PRINCIPLES OF MECHANICS OF FROZEN GROUND, N A TSYTOVICH, M I SUMGIN, U S ARMY CORPS OF ENGINEERS, SNOW ICE + PERMAFROST RESEARCH EST, WILMETTE ILL, APRIL, 1959, TRANSLATION 19
- TUBING APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
- TUBING DESIGN APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
- TUKTOYAKTUK PENINSULA, N W T CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUCEC, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-6ME-72
EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPRCER-35-72
EXPERIMENTAL RESULTS OF THE ELECTROSEISMIC EFFECT AS A PERMAFROST-THICKNESS MEASUREMENT TECHNIQUE, S A BOYER, GEOPHYSICS RESEARCH DIGEST, VOL 10, NO 1-2, JUNE 1971, P 38-45
GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, Q6615
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, A W GELL, MA THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, QH10G3
MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUK PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE AND W N MCKAY, I O L PROD RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR, 1971 V 4 NO 2 35P
REFRIGERATED ARCTIC LEASE PAD AND TEST ROAD, BY H A CLARE, I O L PROD RES AND TECH SERV LAB QUARTERLY PROJECT REPORT, NOV 1970-JAN 1971, V 4, NO 1
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
- TUKTOYAKTUK, N W T ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT CALGARY, FEBRUARY 1974, IPRC-4ME-74
ICE PETROFABRICS, TUKTOYAKTUK, N W T, CANADA, BY A W GELL, THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUGUST 1973, TA710G3
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1969, IPPE-1ME-69
- TUMMEL, V F SOME PECULIARITIES OF FOUNDATIONS UNDER OCCUPIED BUILDINGS IN THE NORTHERN PORTIONS OF THE PERMAFROST ZONE, V F TUMMEL, U S ARMY CORPS OF ENGINEERS, 1946, AD 712,854 0
- TUNDRA ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY OCT 26-27, 1970, APOA-70-1
GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, Q196N7K3
PROCEEDINGS OF A SEMINAR ON THE PERMAFROST ACTIVE LAYER 4 AND 5 MAY 1971, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA 1971, NRC TECHNICAL MEMORANDUM NO 103
PROCEEDINGS, PERMAFROST INTERNATIONAL CONFERENCE, 11-13 NOVEMBER 1963, LAFAYETTE, INDIANA, BY BUILDING RESEARCH ADVISORY BOARD, NAT ACAD SCI - NAT RES COUNCIL, WASHINGTON, TA71016
ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HENSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-154-59
SOME ASPECTS OF THE INTERRELATIONSHIP OF PERMAFROST AND TUNDRA BIOTIC COMMUNITIES, BY W O PRUITT, CONF ON PRODUCTIVITY + CONSERV IN NORTH CIRCUMPOLAR LANDS, EDMONTON, OCT 15-17, 69
TUNDRA ENVIRONMENT, SYMPOSIUM OF SECTION 3 OF ROYAL SOCIETY OF CANADA, L WINNIPEG, JUNE 3, 1970, PREPRINTS, P BOX 2397, PRINT NO 755, M/R-4

TUNDRA CONFERENCE 1969

SOME ASPECTS OF THE INTERRELATIONSHIP OF PERMAFROST AND TUNDRA BIOTIC COMMUNITIES, BY
W O PRUITT, CONF ON PRODUCTIVITY + CONSERV IN NORTH CIRCUMPOLAR LANDS, EDMONTON, OCT 15-17, 69

TUNDRA ECOSYSTEM

ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P
ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRY'S CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P 80X 2550
PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO NORTH ALTA, J MOLLARD, J BALZER,
MOLLARD+ASSOC, DEC 15/71, MYPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
PIPELINING IN THE ARCTIC, A V CARDIN, PAPER PRESENTED AT CANADIAN GAS ASSOCIATION NATIONAL
TECHNICAL CONFERENCE, 1970, P BOX 2551
SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T
H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3

TUNNELS

GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS
RESEARCH AND ENGINEERING LAB, HANOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199

TURBODRILLING

DRILLING HOLES IN FAR NORTHERN CONDITIONS-IN PERMAFROST, BY A V MARMANIN, GOVT SCIENTIFIC
TECHNICAL PUB HOUSE OF OIL&FUEL LIT, Leningrad, 1959, TRANSLATED BY I O L, 1965 NO R-103, TN871.5M2

TWO-PHASE FLOW

PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H
LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959

TYRTIKOV, A P

PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIAL FROZEN GROUND AND
VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163

U S ARMY

ARCTIC CONSTRUCTION, U S DEPT OF THE ARMY, 1962, TECHNICAL MANUAL, TM5-349

U S ARMY COLD REGIONS RESEARCH

AIRBORNE RESISTIVITY MAPPING OF PERMAFROST NEAR FAIRBANKS, ALASKA, P HOEKSTRA, ET AL, U S
ARMY COLD REGIONS RESEARCH AND ENGINEERING LAB, SEPT 1974, RESEARCH REPORT 324
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, SEPT 1972, RPT NO CRREL-12-XXVI, PT 1+2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE + TECHNOLOGY, G T THURONYI, LIB OF CONGR FOR U S ARMY,
COLD REGIONS RES ENG LAB, HANOVER N H, JULY 1971, RPT NO CRREL-12-XXV, PT 1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, BY G T THURONYI ET AL, LIBRARY OF CONGR
FOR U S ARMY, COLD REGIONS RES ENG LAB, HANOVER, N H, JULY 1970, RPT NO CRREL-12-XXIV, PT1-2
BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY, VOL 28 PART 1, U S ARMY COLD REGIONS RES
AND ENGINEERING LAB, JULY 1974, CRREL RPT 12
BRIDGE FOUNDATIONS IN PERMAFROST AREAS - MOOSE + SPINACH CREEKS, FAIRBANKS, ALASKA, F E
CRORY, U S ARMY COLD REGIONS RES+ENG, HANOVER, JULY 1975, CRREL TECH RPT 266
BRIDGE FOUNDATIONS IN PERMAFROST AREAS, GOLDSTREAM CREEK, FAIRBANKS, ALASKA, F E CRORY, U S
ARMY COLD REGIONS RES + ENG LAB, HANOVER, FEB 1968, AD 667,945, CRREL TECH RPT 180
CHARACTERISTICS OF THE COLD REGIONS, R W GERDEL, US ARMY COLD REGIONS RESEARCH AND ENG LAB,
AUGUST 1969, AD 695 661, CRREL MONOGRAPH 1-A
CLASSIFICATION + GEOMORPHIC IMPLICATIONS OF THAW LAKES ON THE ARCTIC COASTAL PLAIN, ALASKA
P V SELLMANN, ET AL, U S ARMY COLD REGIONS RES + ENG LAB, HANOVER, N H, DEC 75, RR 344
CORING OF FROZEN GROUND, BARROW, ALASKA, SPRING, 1964, BY P V SELLMAN, U S ARMY COLD REGIONS
RES+ENG LAB, HANOVER, JULY, 1965, CRREL SPECIAL REPORT NO 81
CREEP OF FROZEN SILT + CLAY, F H SAYLES + D HAINES, U S ARMY COLD REGIONS RESEARCH + ENG LAB
HANOVER, N H, JULY 1974, TECH RPT 252
DEEP CORE DRILLING IN ICE, BYRD STATION, ANTARCTICA, BY R W PATENAUDE, E W MARSHALL, A GOW
U S ARMY COLD REGIONS RESEARCH, SNOW ICE AND PERMAFROST EST (SIPRE), 1959, CRREL TECH PPT 60
DESIGN PARAMETERS FOR A ROTARY EXCAVATING ATTACHMENT, M MELLOR, U S ARMY COLD REGIONS RES+ENG
LAB, HANOVER, N H, CRREL TECH NOTE SEPT 1972
EFFECT OF DISTURBANCE ON PERMAFROST TERRAIN, BY J BROWN ET AL, U S ARMY COLD REGIONS RESEARCH
AND ENGINEERING LAB, HANOVER, NOV 1969, AD 699,327, CRREL SPECIAL REPORT 138

- U S ARMY COLD REGIONS RESEARCH ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON
ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241
- EXCAVATIONS IN FROZEN GROUND - CRITICAL DEPTH SHOTS - 100 AND 50 LB - IN FORT CHURCHILL TILL
R BENERT, U S ARMY COLD REGIONS RESEARCH LAB, JAN 1951, TECH REPT 79, AD652,715
- FOUNDATIONS OF STRUCTURES IN COLD REGIONS, BY F J SANGER, U S ARMY COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANOVER, N H, JUNE 1969, AD 694,371, C R R E L MONOGRAPH III-C4
- FUNDAMENTAL CONCEPTS FOR THE RAPID DISENGAGEMENT OF FROZEN SOIL, PHASE 1, FOSTER-MILLER ASSOC
INC FOR U S ARMY, CORPS OF ENG, COLD REGIONS RES+ENG LAB, HANOVER, MAY 1973, CRREL TR 233
- GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS
RESEARCH AND ENGINEERING LAB, HANOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199
- GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT
TRANSLATION, NAUKA, 1959, PL72-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221
- HYDROLOGIC EFFECTS OF FROZEN GROUND, LITERATURE REVIEW + SYNTHESIS, S L DINGMAN, U S ARMY
COLD REGIONS RESEARCH + ENGIN LAB, MAR 1975, SPECIAL REPORT 218
- INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE,
RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JAN,1972, CRREL TRANSL TL 291
- INVESTIGATION OF CORE DRILLING IN PERENNIALY FROZEN GRAVELS AND ROCK, G R LANGE, U S ARMY
COLD REGIONS RES + ENG LAB, HANOVER, DECEMBER 1973, CRREL TR 245
- MEASUREMENT OF FROST HEAVING FORCES ON PILES, BY F E CRORY AND R E REED, U S ARMY COLD
REGIONS RES+ENG LAB, HANOVER N H, OCT 1965, AD 484 955, CRREL TECH RPT 145, FICHE
- MEASUREMENT OF FROST HEAVING FORCES ON PILES, F E CRORY AND R E REED, U S ARMY COLD REGIONS
RESEARCH AND ENG LAB, OCTOBER 1965, TECHNICAL REPORT 145, AD 484 955
- PERMAFROST, PERENNIALY FROZEN GROUND, S RUSSEL STEARNS, U S ARMY COLD REGIONS RESEARCH + ENG
AUG 1966, CRREL MONOGRAPH 1-A2
- PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD
REGIONS RES+ENG LAB, HANOVER, MARCH,1972, CRREL TRANSLATION TL 319
- PILE FOUNDATIONS IN DISCONTINUOUS PERMAFROST AREAS, BY F E CRORY, COLD REGIONS RESEARCH AND
ENGINEERING LAB, HANOVER, MARCH 1967, AD 814,700, CRREL SPECIAL REPORT 79
- PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS,
A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CRREL REPORT 76-8
- REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY COLD REGIONS RESEARCH +
ENG LAB, JUNE 1966, TECHNICAL REPORT 156, AD 486 400
- REFRIGERATION OF A PIPE PILE BY AIR CIRCULATION, R E REED, U S ARMY, COLD REGIONS RES + ENG
LAB, HANOVER, JUNE 1966, CRREL TECH RPT 156
- ROTARY DRILLING AND CORING IN PERMAFROST, PART 3, DEEP CORE DRILLING, CORE ANALYSIS AND BORE
HOLE THERMOMETRY AT CAPE THOMPSON, ALASKA, G R LANGE ET AL, U S ARMY, 1972, CRREL TR 95, III
- SETTLING OF THAWING GROUND, V F ZHUKOV, U S ARMY COLD REGIONS RES AND ENG LAB, JULY 1972
AD748 157, DRAFT TRANSLATION 355
- SHEAR STRENGTH OF FROZEN GROUNDS AND ITS DEPENDENCE ON TEXTURE, N K PEKARSKAIA, TRANSLATED
FROM IZD-VO AKAD NAUK SSSR, P 3-108, 1963 FOR CRREL, 1965, AD 715,091 CRREL TL 115
- SNOW, ICE AND PERMAFROST IN MILITARY OPERATIONS, R F FLINT, U S ARMY SNOW, ICE AND PERMAFROST
RESEARCH ESTABLISHMENT, WILMETTE, ILLINOIS, SEPT 1953, CRREL TECH RPT 15
- STRENGTH INCREMENT OF CONCRETE POURED INTO HOLES DRILLED IN PERMAFROST, B I BEPEZOVSKIY, D I
PAVLENKO, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 317
- TRIAxIAL CONSTANT STRAIN RATE TESTS AND TRIAXIAL CREEP TESTS ON FROZEN OTTAWA SANDS, FRANCIS
H SAYLES, AUGUST 1974 CRREL TECH REPT 253
- VIBRATORY PILE DRIVING AND CORING IN PERMAFROST, R W HUCK, U S ARMY CRREL, HANOVER N H, NOV,
1969, TECHNICAL NOTE 69-1
- U S ARMY CORPS OF ENGINEERS COMPREHENSIVE REPORT INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC AND SUBARCTIC REGIONS,
1945-1948, U S ARMY CORPS OF ENGINEERS, ST PAUL, MINN, JUNE 1950, MAIN REPORT
- FREEZEBACK CONTROL AND PILE TESTING, KOTZEBUE AIR FORCE BASE, ALASKA, ARCTIC CONSTRUCTION AND
FROST EFFECTS LABORATORY TECHNICAL REPT 66, U S ARMY CORPS OF ENGINEERS, 1957, AD712 514
- INSTALLATION OF PILES IN PERMAFROST, F F KITZ, U S ARMY ARCTIC CONSTRUCTION AND FROST EFFECT
LAB, BOSTON, SEPT 1957, AD712 650, MISC PAPER 18
- INTERIM REPORT ON LOAD TESTS OF PILES IN PERMAFROST, K A LINELL, U S ARMY ARCTIC CONSTRUCTION
AND FROST EFFECTS LAB, BOSTON, 1954, AD712 568, TECH REPT 58

- J S ARMY CORPS OF ENGINEERS INVESTIGATION OF MILITARY CONSTRUCTION IN ARCTIC, SUBARCTIC REGIONS, TREES OF INTERIOR ALASKA
THEIR SIGNIFICANCE AS PERMAFROST INDICATORS, E G STOECKELER, US ARMY ENG ACCEL, 1952, TR-39
PRINCIPLES OF MECHANICS OF FROZEN GROUND, N A TSYTOVICH, M I SUMGIN, U S ARMY CORPS OF ENGIN
SNOW ICE + PERMAFROST RESEARCH EST, WILMETTE ILL, APRIL, 1959, TRANSLATION 19
SOME PECULIARITIES OF FOUNDATIONS UNDER OCCUPIED BUILDINGS IN THE NORTHERN PORTIONS OF THE
PERMAFROST ZONE, V F TUMMEL, J S ARMY CORPS OF ENGINEERS, 1946, AD 712,854 0
- U S ARMY ELECTRONICS COMMAND SEISMIC PROPAGATION STUDIES IN ARCTIC REGION USING NOVEL TYPE OF ELECTROMECHANICAL TRANSDUCER
R F JOHNSON, W H FISCHER, U S ARMY ELECTRONICS COMMAND, TECH RPT ECOM-2713, JULY 1966, AD636,725
- U S ARMY FOREIGN SCI+TECHNOL ARTIFICIAL AIR COOLING FOR LAYING PILE FOUNDATIONS IN PERMAFROST, G N MAKSIMOV, ARMY FOREIGN
SCIENCE AND TECHNOLOGY CENTER, WASHINGTON D C, 1969, TRANS AD 693 069, 1 FICHE
ARTIFICIAL AIR COOLING FOR LAYING PILE IN PERMAFROST, G N MAKSIMOV, U S ARMY FOREIGN SCIENCE
AND TECHNOLOGY CENTER, 1969, AD 693,069, MICROFICHE
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
- U S ATOMIC ENERGY COMMISSION ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, DB8306
- U S BUREAU OF MINES OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY D C BAPTIST, U S BUREAU
OF MINES R I 5642, 1960
- U S BUREAU OF YARDS AND DOCKS ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984
- U S DEFENCE DOCUMENTATION CENT GROUNDING ELECTROTECHNICAL ASSEMBLIES UNDER PERMAFROST CONDITIONS, V Y NOZHEVNIKOV, DRAFT
TRANSLATION, NAUKA, 1959, P172-176, U S DEFENCE DOCUMENTATION CENTER, 1971, AD 722 221
- U S DEPT OF COMMERCE COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION
SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
FOUNDATIONS AND BASES ON PERPETUALLY FROZEN GROUND, BY V VOJKUCHAYEV, U S DEPT OF COMMERCE,
1963, AD 711909
PERMAFROST, PART 1, GENERAL STUDIES, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE, JAN
1975, PS-75/197
PERMAFROST, PART 2, STRUCTURAL ENGINEERING, BIBLIOGRAPHY WITH ABSTRACTS, U S DEPT OF COMMERCE
JAN 1975, PS-75/198
- U S DEPT OF INTERIOR WASTE DISPOSAL AND TREATMENT IN PERMAFROST AREAS, A BIBLIOGRAPHY, BY M PSNODGRASS, DEPT OF
INTERIOR, WASHINGTON, DC, MAR 1971, PB 198,988
- U S DEPT OF NAVY DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES, ENGINEERING COMMAND,
WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
- U S ENVIRONMENT PROTECT AGENCY ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL
PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
- U S GEOLOGICAL SURVEY CORE TESTS SIMPSON AREA, ALASKA, BY FLORENCE M ROBINSON, M C BREWER, U S GEOLOGICAL SURVEY
PROFESSIONAL PAPER 305-L, 1964
DISSIPATION OF THE TEMPERATURE EFFECT OF DRILLING A WELL IN ARCTIC ALASKA, BY A H LACHENBRUCH
AND M C BREWER, U S GOVT PRINTING OFFICE, WASH, 1959, USGS BULLETIN 1083-C
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1,
HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
GEOLOGY OF THE KILLIK-ETIVLUK RIVERS REGION, ALASKA, BY R M CHAPMAN, R LDEITERMAN, M D MANGUS
EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4, PT 3, AREAL GEOLOGY, U S G S PROF PAPER 303-F, 1964
GROUNDWATER IN PERMAFROST REGIONS - AN ANNOTATED BIBLIOGRAPHY, BY J R WILLIAMS, U S G S
WATER-SUPPLY PAPER 1792, WASHINGTON, 1965

J S GEOLOGICAL SURVEY

GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964
HOT PIPE, BY P C DOHERTY, U S GEOL SURVEY COMPUTER CONTRIBUTION NO 4, MENLO PARK, CALIF, 1970
USGS MISC
PERIODIC HEAT FLOW IN A STRATIFIED MEDIUM WITH APPLICATION TO PERMAFROST PROBLEMS, BY A H LACHENBRUCH, U S GEOLOGICAL SURVEY BULLETIN 1083-A, WASHINGTON, D C, 1959
PERMAFROST AND RELATED ENGINEERING PROBLEMS IN ALASKA, BY D J FERRIANS ET AL, 1969
U S GEOL SURVEY PROFESSIONAL PAPER 678
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 482, 1965
SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4, GEOPHYSICS, U S G S PROFESSIONAL PAPER 304-A, WASHINGTON, 1962.
SELECTED REFERENCES ON PERMAFROST, AND RELATED ENGINEERING PROBLEMS IN ALASKA, D J FERRIANS, U S GEOLOGICAL SURVEY, SEPT 1969
SOME ESTIMATES OF THE THERMAL EFFECTS OF A HEATED PIPELINE IN PERMAFROST, A H LACHENBRUCH, U S GEOLOGICAL SURVEY CIRCULAR 632
SURFICIAL GEOLOGY OF THE CENTRAL KOBUK RIVER VALLEY NORTHWESTERN ALASKA, BY A T FERNALD, U S GEOLOGICAL SURVEY BULLETIN 1181-K, WASHINGTON, 1964
THREE-DIMENSIONAL HEAT CONDUCTION IN PERMAFROST BENEATH HEATED BUILDINGS, BY A H LACHENBRUCH, U S GOVT PRINTING OFFICE, WASH, 1957, USGS BULLETIN 1052-B

U S NAVAL CIVIL ENG LABORATORY TRENCHING ON SHORE AND IN THE OCEAN IN ARCTIC REGIONS - STATE-OF-THE-ART SURVEY, U S NAVAL CIVIL ENGINEERING LABORATORY, MARCH 1974, AD 777 046

U S NAVAL FACILITIES ENG COMM ANCHORING IN SNOW, ICE, AND PERMAFROST, M C HIRONAKA, U S NAVAL FACILITIES ENGINEERING COMMAND, JUNE 1974, AD 732 580

U S OFFICE OF NAVAL RESEARCH CHARACTERISTICS OF SEA ICE, LAKE ICE AND PERMAFROST USING AN IMPULSE RADAR SYSTEM, C L BERTRAM ET AL, GEOPHYSICAL SURVEY SYSTEMS INC, FOR U S OFFICE OF NAVAL RES, MAY 1972, AD772549
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTRO MAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S OFFICE OF NAVAL RES, APR 1972, AD770902
DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTROMAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S NAVAL RES LAB, WASHINGTON, 1972, AD770-902

U S S R ARCTIC PIPELINE DESIGN AND CONSTRUCTION, EXPERIMENTAL ARCTIC PIPELINE, BY C DUNCAN, I O L PROD RES TECH SERV DEPT, CALGARY, JAN 1969, QUARTERLY PROJECT RPT V 2, NO 1, PAPER NO 5
COMMENTS ON THE SOVIET PERMAFROST BUILDING CODE, BY W H BUTLER, A S C E SYMPOSIUM COLD REGION ENGINEERING, UNIVERSITY OF ALASKA, AUG 17-19, 1970, P 474-482, TA2445A6
DISTRIBUTION OF PERMAFROST AND ITS RELATION TO AIR TEMPERATURE IN CANADA AND IN THE U S S R BY R J F BROWN, NATIONAL RES COUNCIL, OTTAWA, 1960, DIV BUILDING RES, RESEARCH PAPER 112
FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
MATERIALS FOR THE STUDY OF THE FROZEN ZONES OF THE EARTH'S CRUST, PT 1-4, THERMO-TECHNICAL CALCULATIONS OF PIPELINES, BY L P SEMENOV, G V PORKHAEV, MATERIALI O MERZLYCH.. TRANSL R-118
PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARNS, WILLIAMS BROTHERS ENGINEERING CO
PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
TAZOVSKOE-NORILSK GAS LINE - THE WORLD'S NORTHERN MOST GAS TRUNK LINE, BAONOVSKI, A K
TRANSL FROM STROITELSTVO TRUBOPROVODOV, NO 8, AUG 1964, 6-8 P, TRANSL R-101

U S S R ACAD CONSTR&ARCHIT INSTRUCTIONS FOR DESIGNING BEARING MEDIA AND FOUNDATIONS IN THE SOUTHERN ZONE OF PERMAFROST REGION, BY USSR ACAD CONSTRUCTION AND ARCHITECTURE, MOSCOW, 1962, NRC, OTTAWA, 1967, TT-1298

U S S R ACADEMY OF SCIENCES

DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE II, BY USSR ACADEMY OF SCIENCES, MOSCOW, 1955, NATIONAL RESEARCH COUNCIL, OTTAWA, 1962, TT-1006
DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 12-METHODS OF INVESTIGATION IN ENGINEERING GEOCRYOLOGY, BY A I DEMENTEV ET AL, MOSCOW, 1959, NRC, OTTAWA, 1967, TT-1287
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 10-GROUND WATER IN PERMAFROST AREAS, BY V M PONOMAREV, N I TOLSTIKHIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1138
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 11-CRYOGENIC PHYSICO-GEOLOGICAL PHENOMENA IN PERMAFROST REGIONS, BY S P KACHURIN, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1157
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 7-GEOGRAPHICAL DISTRIBUTION OF SEASONALLY FROZEN GROUND AND PERMAFROST, BY I Y BARANOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1121
PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 13-NEW AND IMMEDIATE PROBLEMS IN ENGINEERING GEOCRYOLOGY, BY N I SALTUKOV, MOSCOW, 1959, NRC, OTTAWA, TT-1276
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 2-DEFORMATION OF STRUCTURES RESULTING FROM PROCESSES OF FREEZING AND THAWING, BY A I DEMENTEV, MOSCOW, 1959, NRC, 1965, TT-1219
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 4-THERMAL PHYSICAL PRINCIPLES OF CONTROLLING INTERACTION...BY G V PORKHAEV, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1249
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 7-PARTICULAR ASPECTS OF MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 3-BASIC MECHANICS OF FREEZING, FROZEN AND THAWING SOILS, BY N A TSYTOVICH ET AL, MOSCOW, 1959, NRC, OTTAWA, 1966, TT-1239
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 1-PRINCIPLE ASPECTS OF ENGINEERING GEOCRYOLOGY - PERMAFROST STUDIES - BY N I SALTUKOV, MOSCOW, 1959, NRC OTTAWA, TT-1215
PRINCIPLES OF GEOCRYOLOGY, PART 2-ENGINEERING GEOCRYOLOGY, CHAPT 6-BASES AND FOUNDATIONS, BY N I SALTUKOV, G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1967, TT-1266
PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIALY FROZEN GROUND AND VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
PRINCIPLES OF GEOCRYOLOGY, PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 5-PRINCIPAL METHODS OF MOISTURE-THERMAL AMELIORATION...BY V P BAKAKIN, G V PORKHAEV, MOSCOW 1959, NRC, 1966, TT-1250
SOME PECULIARITIES OF FOUNDATIONS UNDER OCCUPIED BUILDINGS IN THE NORTHERN PORTIONS OF THE PERMAFROST ZONE, V F TUMMEL, U S ARMY CORPS OF ENGINEERS, 1946, AD 712,854 0

U S S R COUNCIL OF MINISTERS

TECHNICAL CONSIDERATIONS IN DESIGNING FOUNDATIONS IN PERMAFROST, SOVIET BUILDING CODE, 1960, NRC TECHNICAL TRANSLATION 1033, 1963

U S S R MINISTRY OF OIL IND

FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCTTE, CALGARY, MARCH 16-28, 1973, TN871L2C16F

UMIAT FIELD, ALASKA

EXPLORATION OF NAVAL PETROLEUM RESERVE NO 4 AND ADJACENT AREAS NORTHERN ALASKA, 1944-53, PT.1, HISTORY OF THE EXPLORATION, BY J C REED, U S G S PROFESSIONAL PAPER 301, WASHINGTON, 1958.
OIL RECOVERY AND FORMATION DAMAGE IN PERMAFROST, UMIAT FIELD, ALASKA, BY O C BAPTIST, U S BUREAU OF MINES R I 5642, 1960

UNCONFORMITIES

GEOLOGY OF U S A CRREL PERMAFROST TUNNEL, FAIRBANKS, ALASKA, BY P V SELLMANN, COLD REGIONS RESEARCH AND ENGINEERING LAB, HANOVER, N H, JULY 1967, AD 660,310, CRREL TECHNICAL REPORT 199

UNCONSOLIDATED SEDIMENTS

GUBIK FORMATION OF QUATERNARY AGE IN NORTHERN ALASKA, BY R F BLACK, EXPLORATION OF NAVAL PET RESERVE NO 4, PT 2, U S GEOLOGICAL SURVEY PROFESSIONAL PAPER 302-C, WASHINGTON, 1964

- UNDERGROUND GEOPHYS SURVEYING DETERMINATION OF THE DISTRIBUTION OF LARGE MASSES OF GROUND ICE IN PERMAFROST BY ELECTRO
MAGNETIC SUBSURFACE PROFILING, K J CAMPBELL ET AL, U S OFFICE OF NAVAL RES, APR 1972, AD770902
- UNDERGROUND ICE WORLD OF UNDERGROUND ICE, BY J R MACKAY, ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS,
VOL 62 NO 1, MARCH 1972, P 1-22, PRINT 815
- UNDERGROUND MINING NORTHERN MINING PROBLEMS WITH PARTICULAR REFERENCE TO UNIT OPERATIONS IN PERMAFROST, A DUBNIE
MINES BRANCH, CANADA DEPT ENERGY MINES + RES, 1972, TECHNICAL BULLETIN TB 148
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT. 7-PARTICULAR ASPECTS OF
MINING IN THICK PERMAFROST, BY V P BAKAKIN, MOSCOW, 1959, NRC, OTTAWA, 1965, TT-1217
- UNDERGROUND STORAGE STORAGE TANK GUIDE, MARKETING STORAGE TANKS, A GUIDE CARRIED OUT BY DAYS ESSO AS, UNDER THE
STANDARD OIL CO NEW JERSEY MARKETING ENGINEERING RESEARCH PROGRAM PROJECT NO 6803 JUNE 1970
- UNDERGROUND UTILITY LINES PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES,
BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
- UNDERWATER CABLES TRENCHING ON SHORE AND IN THE OCEAN IN ARCTIC REGIONS - STATE-OF-THE-ART SURVEY, U S NAVAL
CIVIL ENGINEERING LABORATORY, MARCH 1974, AD 777 046
- UNIVERSITY OF ALASKA ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL
ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- UNIVERSITY OF ALBERTA ARCTIC SUMMER SCHOOL NOTES REVISED, 1975, G S H LOCK, ED, BOREAL INSTITUTE FOR NORTHERN
STUDIES AND UNIVERSITY OF ALBERTA, E02666
RESIDUAL STRESS IN THAWING SOILS, J F NIXON, N R MORGENSTERN, UNIV OF ALBERTA, DEPT OF CIVIL
ENGINEERING, EDMONTON, ALBERTA, MARCH, 1973, PRINT 821
THAW-CONSOLIDATION TESTS ON UNDISTURBED FINE-GRAINED PERMAFROST, J F NIXON, N R MORGENSTERN,
UNIV OF ALBERTA, DEPT OF CIVIL ENG, EDMONTON, ALBERTA, APRIL, 1973, PRINT 820
- UNIVERSITY OF BRITISH COLUMBIA FACTORS AFFECTING THE DISTRIBUTION OF PERMAFROST, MACKENZIE DELTA, N W T, M W SMITH, PH D
THESIS, UNIV OF BRITISH COLUMBIA, OCTOBER 1973, TA710565
- UNIVERSITY OF DENVER PERMAFROST EROSION ALONG THE BEAUFORT SEA COAST, R J LEWELLEN, UNIVERSITY OF DENVER, MAR 1970
P BOX 2319, W/L-3, NO 711
- UNIVERSITY OF SASKATCHEWAN INTERIM REPORT ON FROZEN CORE TESTING, CIVIL ENG DEPT, U OF S, 1972, MVPL FEASIB STUDY-1972,
BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STAT+TERM, COMM, OPER+MAINT, 18-18, E 1580
- UREA NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS
DIV, DECEMBER 1973, EPR.43PR.73
- UTARD, M PROPOSAL FOR A STUDY OF THE GEOMETRY STRUCTURE AND DISTRIBUTION OF PERMAFROST BY ELECTRICAL
PROSPECTING METHODS, GEOTERREX LTD, OTTAWA, OCT 1971, GEOTERREX-71-1
- UTILITIES BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA,
DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON,
PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD,
J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
- VEGETATION AIRPHOTO TERRAIN MAPPING LEGEND FOR PIPELINE ROUTE STUDY, V 2, MOLLARD+ASSOC LTD, NOV 24/71, MVPL
FEAS STUDY-1971, BACK-UP DATA BOOKS, VOL 1, ROUTE SELECTION+EVALUATION, RPT NO 1-2, E 1293
ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P
ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354

VEGETATION

- CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17, 1972, E 1718
- DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1088
- ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241
- GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS, UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, QEL96N7K3
- HEAT EXCHANGE BETWEEN PERMAFROST+THE ATMOSPHERE IN THE PRESENCE OF A VEGETATION COVER, V BAL OBAEV, NATL RES COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, 1973, N R C TECH TRANS 1670
- INUUVIK, N W T, ENGINEERING SITE INFORMATION, BY J A PIHLAINEN+SUPPL BY D W BOYDC, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 135, AUG 1962
- NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- PERMAFROST AND ITS EFFECT ON LIFE IN THE NORTH BY T L PEWE, 1966 REPRINT FROM ARCTIC BIOLOGY P BOX 1996
- PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
- PERMAFROST INVESTIGATIONS IN SASK AND MANITOBA, BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, DIV OF BUILDING RESEARCH, TECHNICAL PAPER NO 193, SEPT 1965
- PERTINENT LIT DIGEST FOR PL ROUTE STUDY, V 4, PRUDHOENBAY TO (ORTH ALTA, JMOLLARD, J BALZER, MOLLARD+ASSOC, DEC 15/71, MVPL FEAS STUDY-1971, BACK-UP DATA BKS, V 1, RTE SEL+EVAL, RT1-3, E1294
- PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60685
- PRINCIPLES OF GEOCRYOLOGY, PT 1-GENERAL GEOCRYOLOGY, CHAPT 12-PERENNIAL FROZEN GROUND AND VEGETATION, BY A P TYRTIKOV, MOSCOW, 1959, NRC, OTTAWA, 1964, TT-1163
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-19, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I D L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69
- PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK, U S S R, JULY 1973, TRANSL, VOLS 1-3, TA71016
- SOME ASPECTS OF THE INTERRELATIONSHIP OF PERMAFROST AND TUNDRA BIOTIC COMMUNITIES, BY W D PRUITT, CONF ON PRODUCTIVITY + CONSERV IN NORTH CIRCUMPOLAR LANDS, EDMONTON, OCT 15-17, 69
- SOME OBSERVATIONS ON THE INFLUENCE OF CLIMATIC AND TERRAIN FEATURES ON PERMAFROST AT NORMAN WELLS, NWT, CAN, BY R J E BROWN, NATIONAL RES COUNCIL, DIV BUILDING RES, OTTAWA, 1965 RP 236
- STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND W W PETTAPIECE, TASK FORCE ON NORTHERN OIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
- STUDIES OF VEGETATION, LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, R M STRANG, CAN DEPT OF ENVIR, FOR TASK FORCE ON NORTH OIL DEVEL, OTTAWA, AUGUST 1973, REPORT NO 73-14
- SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3
- TERRAIN TYPING FOR INUVIK TEST SITE, J MOLLARD, J D MOLLARD AND ASSOC LTD, JAN 1972, MVPL FEASIBILITY STUDY 1971, BACK-UP DATA BOOKS, VOL 4, ABOVE GROUND DESIGN, RPT NO 2-7, E1322

VEGETATION RESTORATION

- ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY OCT 26-27, 1970, APOA-70-1
- OIL SPILLS + VEGETATION AT NORMAN WELLS, N W T, T C HUTCHINSON + J A HELLEBUST, ENVIRONMENTAL SOCIAL COMM, NORTHERN PIPELINES, TASK FORCE ON NORTHERN OIL DEVEL, JAN 1974, E2118, RPT 73-43
- PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-LINE RESEARCH PROJECT 483, BY T G WATMORE, I D L PROD DEPT, EDMONTON, OCT 1969, IPRE-25ME-70
- SURFICIAL DISTURBANCE + NATURAL PLANT RECOLONIZATION IN THE TUKTOYATUK PENINSULA REGION N W T H HERNANDEZ, MSC THESIS, UNIVERSITY OF ALBERTA, FALL 1972, E1534 3

- VERTICAL TAKEOFF AIRCRAFT
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS
1970, HE21555
- VESCARELLI, D E
REFRIGERATED DRILLING FLUID TESTS, BY D E VESCARELLI, I O L CALGARY, ENGDEPT, 1970,
IPRC-10ME-70
- VIBRATIONS
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- VIBRATORY DRILLING
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
- VIETOR, D
EFFECT OF DISTURBANCE ON PERMAFROST TERRAIN, BY J BROWN ET AL, U S ARMY COLD REGIONS RESEARCH
AND ENGINEERING LAB, HANOVER, NOV 1969, AD 699,327, CRREL SPECIAL REPORT 138
- VISCOELASTICITY
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- VISCOSITY
REFRIGERATED DRILLING FLUID TESTS, BY D E VESCARELLI, I O L CALGARY, ENGDEPT, 1970,
IPRC-10ME-70
- VISCOSITY DETERMINATION
ARCTIC PIPELINE LABORATORY RHEOLOGY STUDIES, BY A S TELFORD, I O L PROD RES AND TECH SERVICES
DEPT, CALGARY, QUARTERLY PROJECT REPORT, V 1, NO 1-4, 1968, PAPER NO 5
- VOITKOVSKII, K F
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 10-USE OF ICE, SNOW, AND
FROZEN SOIL IN ENGINEERING STRUCTURES, BY K F VOITKOVSKII, M M KRYLOV, MOSCOW, 1959, NRC, TT-1267
- VYALOV, S S
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL,
U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694,120
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
- VYSORSKIY, D P
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV ET AL,
U S ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, 1969, CLEARINGHOUSE AD 694,120
INTERPLAY OF FROZEN GROUND WITH PILES AND PIPES DURING VIBRATORY DRIVING, S S VYALOV, ET AL,
ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D C, SEPT 69, TRANS AD 694120, 1 FICHE
- WAHRHAFTIG, C
PHYSIOGRAPHIC DIVISIONS OF ALASKA, BY C WAHRHAFTIG, U S GEOLOGICAL SURVEY PROFESSIONAL
PAPER 482, 1965
- WALKER, G W
DESIGN PROBLEMS OF FLOWING GAS PIPELINE TEMPERATURE IN PERMAFROST, G W WALKER + J M STUCHLY
PRESENTED AT 74TH ANNUAL MTG OF THE AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 1973, PRINT 4977
- WASTE DISPOSAL
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-29, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PROCEEDINGS OF CANADIAN NORTHERN PIPELINE RESEARCH CONFERENCE, FEB 2-4, 1972, ED R F LEGGETT
I C MACFARLENE, NATIONAL RESEARCH COUNCIL, OTTAWA 1972, NRC TECHNICAL MEMO 104, E 1278-1291
PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS
ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666
WASTE DISPOSAL AND TREATMENT IN PERMAFROST AREAS, A BIBLIOGRAPHY, BY M PSNODGRASS, DEPT OF
INTERIOR, WASHINGTON, DC, MAR 1971, PB 198,988
- WASTE TREATMENT
PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS
ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666
- WATER
EXPERIMENTAL INVESTIGATIONS INTO THE THERMAL INTERDEPENDENCE OF WATER AND FROZEN GROUND, BY
R M KAMENSKIY, TRANSL FROM THERMAL PROCESSES IN FROZEN GROUND, MOSCOW, 1964, TRANSL R 109

- WATER CONTENT DATA ON THE PRINCIPLES OF THE STUDY OF FROZEN ZONES IN THE EARTH'S CRUST, ISSUE 3, BY U S S R ACADEMY OF SCIENCES, MOSCOW, 1956, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1083
INSTRUCTIONS FOR DETERMINING RELATIVE COMPRESSION IN FROZEN GROUND THAWING UNDER PRESSURE, RES+ENG STAFF, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, JAN, 1972, CRREL TRANSL TL 291
PHASE COMPOSITION OF WATER IN FROZEN GROUND UNDER PRESSURE, B D CHUMICHEV, U S ARMY COLD REGIONS RES+ENG LAB, HANOVER, MARCH, 1972, CRREL TRANSLATION TL 319
PREDICTION OF UNFROZEN WATER CONTENTS IN FROZEN SOILS FROM LIQUID LIMIT DETERMINATIONS, A R TICE, ET AL, U S ARMY COLD REGIONS RESEARCH + ENG LAB, APRIL 1976, CRREL REPORT 76-8
- WATER INJECTION PRETHAWING FOR FOUNDATIONS IN PERMAFROST, R F REUSS, PAPER PREPARED FOR ASCE JOURNAL OF SOIL MECHANICS + FOUND DIV, ALYESKA PIPELINE SERVICE COMPANY, 1971, PLR 142-115
- WATER LAW CANADA NORTH - MAN AND THE LAND, BY JOHN K NAYSMITH, CANADA DEPT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT, OTTAWA, 1971
- WATER MIGRATION PRINCIPLES OF GEOCRYOLOGY...PT 1-GENERAL GEOCRYOLOGY, CHAPT 9-GROUND - SUBSURFACE - ICE, BY P A SHUMSKII, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1964, TT-1130
- WATER PIPELINES PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
- WATER POLLUTION CONTROL ENVIRONMENTAL GUIDELINES FOR ROAD CONSTRUCTION IN ALASKA, BY F B LOTSPEICH, U S ENVIRONMENTAL PROTECTION AGENCY, ALASKA WATER LABORATORY, COLLEGE, ALASKA, AUG 1971 57, PRINT NO 805
- WATER RESOURCES ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
ERTS VIEW OF ALASKA REGIONAL ANALYSIS EARTH + WATER RES BASED ON SATELLITE IMAGE, D ANDERSON ET AL, U S ARMY COLD REG RES AND ENGINEERING LAB, HANOVER NH, JUNE 1973, CRREL TECH REPORT 241
GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
- WATER RUN-OFF ENVIRONMENTAL ATLAS OF ALASKA, P R JOHNSON, C W HARTMAN, INSTITUTE OF ARCTIC ENVIRONMENTAL ENGINEERING, UNIVERSITY OF ALASKA, 1969, G1530J7
- WATER SATURATION TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871ST-1967
- WATER SUPPLY BIBLIOGRAPHY OF EXCAVATION IN PERMAFROST, NATIONAL RESEARCH COUNCIL OF CANADA, 1965
BUILDING IN NORTHERN CANADA, BY R F LEGGET, H B DICKENS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RESEARCH, MARCH 1959, TECHNICAL PAPER 40, E 683
DESIGN MANUAL COLD REGIONS ENGINEERING, U S DEPT OF NAVY, FACILITIES ENGINEERING COMMAND, WASHINGTON, D C, DEC, 1967 NAVFAC DM-9, M/U-4
GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER 64-39
INSTRUCTIONS FOR THE DESIGN OF TOWNSITES, BUILDINGS ETC IN NORTHERN CONSTRUCTION-CLIMATE ZONE (SN-353-66), MOSCOW 1967, TRANS BY V POPPE, NAT RES COUNCIL, DIV BUILDING RES, 1972, TT - 1547
NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973 YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
PRINCIPLES OF GEOCRYOLOGY...PT 2-ENGINEERING GEOCRYOLOGY, CHAPT 9-UNDERGROUND UTILITY LINES, BY G V PORKHAEV, MOSCOW, 1959, NATIONAL RESEARCH COUNCIL, OTTAWA, 1965, TT-1221
PROCEEDINGS OF THE CANADIAN REGIONAL PERMAFROST CONFERENCE, DEC 1, 2, 1964, EDMONTON, PREPARED BY R J E BROWN, NATIONAL RESEARCH COUNCIL, CAN, TECH MEMO NO 86, SEPT 1965, E 513-515
PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666

- WATER SUPPLY WATER SUPPLY AND SEWAGE DISPOSAL IN PERMAFROST AREAS OF NORTHERN CANADA, BY H B DICKENS, NATIONAL RESEARCH COUNCIL, CANADA, DIV OF BLDG RES TECH PAPER NO 80, AUG 1959
- WATER SYSTEMS PIPELINE RESEARCH WATER + SEWER LINES IN PERMAFROST REGIONS, R N DAWSON + J W SLUPSKY, CANADA DEPT HEALTH + WELFARE, DIV OF PUBLIC HEALTH ENG, EDMONTON, DEC 1968, MANUSCRIPT RPT NO NR-68-8
PROTECTION OF UTILITIES AGAINST PERMAFROST IN NORTHERN CANADA, BY S C COPP, C B CRAWFORD, J W GRAINGE, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER 24, SEPT 1956
- WATER TRANSPORTATION ROLE OF RESEARCH IN TRANSPORTATION PROBLEMS IN NORTHERN CANADA, R A HEMSTOCK, IOL PRODUCTION RESEARCH AND TECHNICAL SERVICES DEPARTMENT, SEPTEMBER, 1959, IPR-15M-59
TRANSPORTATION AND THE NORTH, J B SIMMONS, UNIVERSITY OF TORONTO MASTER OF ENGINEERING THESIS 1970, HE21555
- WATER TREATMENT PUMP STATIONS - WATER TREATMENT, WASTE DISPOSAL, STATION DESIGN, SEISMIC, PRETHAWING OF SOILS ALYESKA PIPELINE SERVICE CO, G A S, VOL 17 JAN 1972, E 1666
- WATERS, E D STABILIZATION OF SOILS + STRUCTURES BY PASSIVE HEAT TRANSFER DEVICES, E D WATERS, PRESENTED AT AMER INST OF CHEM ENG, NEW ORLEANS, MARCH 11-15, 1973, AICHE PRINT NO 4980
- WATMORE, T G OBSERVATIONS OF PART OF THE PIPELINE DITCHING TESTS IN PERMAFROST, FAIRBANKS, ALASKA, BY T G WATMORE, I O L EDMONTON DEVELOP DEPT, MARCH 1969, IPR-13ME-68
PROGRESS REPORT OF SURFACE RESTORATION WORK FOR 1969, RESEARCH PERMAFROST AREAS, ARCTIC PIPE-LINE RESEARCH PROJECT 483, BY T G WATMORE, I O L PROD DEPT, EDMONTON, OCT 1969, IPR-25ME-70
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPR-1ME-69
THERMAL EROSION PROBLEMS IN PIPELINING, BY T G WATMORE, I O L PROD DEPT, MS REL TO OIL INDUSTRIES, PREPRINT NO 648
- WATSON, AT EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY MAY 1, 1975, EPR.6PR.75
- WATSON, G H DETERMINATION OF SOME FROZEN + THAW PROPERTIES OF PERMAFROST SOILS, G H WATSON ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18, GEOTECH STUDIES, PL CONST, STATS, 18-16, E1578
INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL NATIONAL RESEARCH COUNCIL OF CANADA, MAY 1973, NRC RESEARCH PAPER 559
PERFORMANCE OF A WARM OIL PIPELINE BURIED IN PERMAFROST, G H WATSON ET AL, MVPLRL 1972, FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS+TERMINALS, 18-13, E 1575
THERMAL CONDUCTIVITY OF SOME ICE RICH PERMAFROST SOILS, W A SLUSARCHUK, NRC, G H WATSON FOR MACKENZIE VALLEY PIPE LINE RES LTD, CALGARY, OCTOBER 1973, MVPL-1973-4
VERTICAL + LATERAL PILE LOAD TESTS IN PERMAFROST, R K ROWLEY ET AL, MVPLRL, 1972, MVPL FEASIB STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONSTR, STATS+TERMINALS, 18-10, E 1572
- WATSON, W A INSTRUMENTATION AROUND A WARM OIL PIPELINE BURIED IN PERMAFROST, W A SLUSARCHUK ET AL, MVPLRL 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-15, E 1577
- WATSONS, G H PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL, 72, MVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-14, E1576
- WEATHERING INTRODUCTION TO EXPLORATION GEOCHEMISTRY, A A LEVINSON, APPLIED PUBLISHING LTD, CALGARY, 1974 QF515L39
PHYSIOGRAPHY OF ARCTIC CANADA, WITH SPECIAL REFERENCE TO THE AREA SOUTH OF PARRY CHANNEL, BY J B BIRD, JOHN HOPKINS PRESS, BALTIMORE, MARYLAND, 1967, G60555
- WELDING ARCTIC TANKAGE, BAR C AND TUKTOYAKTUK N W T, PROJECT TECHNICAL REPORT, I O L ENGINEERING DEPT CALGARY, FEBRUARY 1974, IPRC-4ME-74

WELL BORE INSULATION

APPLICATION AND EVALUATION OF INSULATED TUBING FOR ARCTIC PRODUCING WELLS, C C BOMBARDIERI, IOL PRODUCTION RESEARCH + TECH SERV, JUNE 1971, IPRT-2ME-71
CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73

WELL CEMENTING

ANALYSIS OF CASING BUCKLING+SURFACE CASING CEMENT REQUIREMENTS, R H G MILLAR, I O L PROD RES + TECH SERV DEPT, JULY 1974, CALGARY, ALTA, IPRT-12ME-74
ARCTIC DRILLING FAMILIARIZATION MANUAL, I O L PRODUCING DEPT, EDMONTON, IPRE-4ME-74
CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUCEG, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-6ME-72
CHARACTERISTICS OF DRILLING TECHNOLOGY IN PENETRATING DEEP LONG-FROZEN STRATA, BY V T MOSLOV TRANSLATED FROM NEFTYANOE KHOZYAISTVO, FEB 1965, NO 2, 16-19 P, TRANSL R-113
FIRST MEETING OF THE CANADA-USSR SUB GROUP EQUIPMENT + TECHNOLOGY FOR DRILLING IN NORTHERN + PERMAFROST AREAS, OIL WORKING GROUP, DRILLING SUBCITE, CALGARY, MARCH 16-28, 1973, TN871.2C16F
MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
OILWELL CEMENTING PRACTICES IN THE ARCTIC, BY R A HEMSTOCK, I O L PRODUCTION RESEARCH AND TECHNICAL SERVICE DEPT, CALGARY, MAY 1966, REPORT NO IPRT-3ME-66
STUDY OF PERMAFROST LAYERS IN A GAS EXPLORATION WELL IN ZAPOLYAR FIELD OF WESTERN SIBERIA BY V A SIDOROVSKII, O A MEZHLUMOV AND V I BELOV, NEFT KHOZ, VOL 45, NO 2, 1967, TRANSL R 149

WELL CLUSTERS

MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL, ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR.109PS.75
TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76

WELL COMPLETIONS

AN EVALUATION OF THAW SUBSIDENCE AND DOWNDRAG IN IMPERIALS ARCTIC WELL COMPLETIONS, JOHN S ARCHER, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, NOVEMBER 1972, IPRT-8ME-72
ARCTIC DRILLING AND COMPLETIONS REVIEW, BY S A CHRISTMAN, MATERIAL SUPPLIED BY HUMBLE - EPRCO HUMBLE MISC REPORT MAY 6, 1971
CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUCEG, I O L PROD RESEARCH + TECH SERVICES DEPT, JUNE, 1972, IPRT-6ME-72
DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
MEASUREMENT OF EXTERNAL FREEZEBACK PRESSURES AT ATERTAK E-41, TUK PENINSULA, N W T, BY J S ARCHER, I O L PROD RES + TECH SERV DEPT, JAN 1973, IPRT-1ME-73
MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
REVIEW OF GENERAL ELECTRIC THERMOCASE FOR ARCTIC COMPLETIONS, S JONES, EXXON PRODUCTION RESEARCH COMPANY, PRODUCTION OPERATIONS DIVISION, NOVEMBER 1975, EPR.31PR.75
TAGLU WELL COMPLETION AND PRODUCTION, I O L PRODUCTION DEPT, JAN, 1976, IPRC-2ME-76

WELL DATA

WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75

WELL LOG INTERPRETATION

TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

WELL LOGGING TECHNIQUES

EVALUATION OF PERMAFROST WITH LOGS, W A HOYER ET AL, EXXON PRODUCTION RESEARCH COMPANY MAY 1, 1975, EPR.6PR.75
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN871S7-1967

WELL LOGS

CANADIAN GEOTHERMAL DATA COLLECTION - NORTHERN WELLS, 1955 TO FEBRUARY 1974, A E TAYLOR AND A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, EARTH PHYSICS BR, GEOTHERMAL SERIES 1

- WELL LOGS CANADIAN GEOTHEMAL DATA COLLECTION-NORTHERN WELLS 1974, A E TAYLOR + A S JUDGE, CANADA DEPT OF ENERGY, MINES AND RESOURCES, 1975, GEOTHERMAL SERIES NO 3
TRANSACTIONS OF THE SPWLA EIGHTH ANNUAL LOGGING SYMPOSIUM, SPONSORED BY SOC PROF WELL LOG ANALYSTS, PRESENTED AT DENVER COLO, JUNE 12-14, 1967, TN87157-1967
WELL LOG RESPONSE TO NATURAL GAS HYDRATES - EXAMPLES FROM ALASKA AND CANADA, J W MULHOLLAND
SUPPLEMENT TO EPR.31EX.75, EPRCO RESERVOIR EVALUATION DIVISION, JULY 1975, EPR.36EX.75
- WELL MODELS EXPERIMENTAL STUDY OF DYNAMICS OF PERMAFROST THAWING AROUND A WELL, YU P KORATAEV, ET AL,
NEFT KHOZ, NO 11, 1970, P44-49, RUSSIAN TRANSLATION R-267
- WELL SPACING MULTIPLE WELL SPACING EFFECTS ON THAW-SUBSIDENCE CASING STRAINS AT PRUDHOE BAY, R F MITCHELL,
ET AL, EXXON RESEARCH PRODUCTION CO, PRODUCTION OPERATIONS DIVISION, NOV 1976, EPR.109PS.75
- WELLHEADS WELLHEAD AND CONDUCTOR-CASING INTEGRITY, R H G MILLAR, I O L PROD RES+TECH SERV DEPT, JULY
1974, CALGARY, ALTA, IPRT-15ME-74
- WELLS NORTH AMERICAN CONTRIBUTION PERMAFROST, SECOND INTERNATIONAL CONFERENCE, JULY 13-28, 1973
YAKUTSK USSR, NATIONAL ACADEMY OF SCIENCES, WASHINGTON D C, TA71016
- WEST COASTAL PLAIN CEMENTING ARCTIC WELLS THROUGH PERMAFROST, N M KLJUJEC, I O L PROD RESEARCH + TECH SERVICES
DEPT, JUNE, 1972, IPRT-6ME-72
- WEST SIBERIAN LOWLANDS BEHAVIOR OF THE LOWER BOUNDARY OF PERMAFROST AS A CRITERION WHEN EXPLORING STRUCTURES ... BY
G B OSTRY, A F CHERKASHIN, SIBIRSK OTDEL AKAD NAUK SSSR, GEOL GEOFIZ, NO 10, 1960, TRANS R-252
- WHEELER, J A SIMULATION OF HEAT TRANSFER IN PERMAFROST, J A WHEELER ET AL, EPRCO OFFSHORE OPERATIONS DIV
SPECIAL REPORT, MARCH 1, 1973, EPR.10PR.73
- WHEELER, J D MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19,20,1972 AT
EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972
- WHITMER, L W ARCTIC DEVELOPMENT AND PRODUCTION SYSTEMS, BY N KLJUJEC, A S TELFORD, L W WHITMER, I O L PROD
RES+TECH SERV DEPT QUAR PROJECT REPT FEB-APR,1971 V4 NO 2 23P
INUVIK HANGAR INSTRUMENTATION OF A SUBFLOOR LAID OVER PERMAFROST, L W WHITMER, PROD RES+TECH
SERV LAB, APRIL 1974, CALGARY, ALTA, IPRT-8ME-74
WELL TEMPERATURE MONITORING WITH THERMISTOR CABLES, N M KLJUJEC, L W WHITMER, I O L PROD RES
AND TECH SERV DEPT, CALGARY, JULY 1972, IPRT-19ME-73
- WILD LIFE ANNOTATED BIBLIOGRAPHY OF PERMAFROST, VEGETATION, WILDLIFE, LANDFORM RELATIONSHIPS, BY P
ROBERTS-PICHETTE, DEPT ENVIRONMENT, CANADIAN FORESTRY SERV, JUNE 1972, E-1354
ARCTIC LAND USE RESEARCH SEMINAR PROCEEDINGS, BY ARCTIC PETROLEUM OPERATORS ASSOC, CALGARY
OCT 26-27, 1970, APOA-70-1
OIL AND THE CHALLENGE OF ALASKA, THE PETROLEUM INDUSTRYS CONCERN FOR THE ENVIRONMENT,
AMERICAN PETROLEUM INSTITUTE, JUNE 1971, P BOX 2550
PROJECT ATLAS AND DATA SUMMARY, MACKENZIE VALLEY PIPE LINE RES LTD, JAN 1972, MVPL FEASIB
STUDY-71, BACK-UP DATA BOOKS, VOL 3, ROUTE SELECTION+EVALUATION, REPORT NO 1-17, E 1308
- WILIMOVSKY, N J ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY N J WILIMOVSKY, J N WOLFE,
U S ATOMIC ENERGY COMMISSION, 1966, QE83U6
- WILLIAMS BROTHERS CO CANOL ROAD STUDY 1971 VOLUME 1, BY R M HARDY AND ASSOCIATES LTD, FOR WILLIAMS BROTHERS CANADA
LTD, ENGINEERS FOR NORTHWEST PROJECT STUDY GROUP, JANUARY 17,1972, E 1718
PIPELINE DESIGN FOR ARCTIC AND SUBARCTIC REGIONS, W H PEARNS, WILLIAMS BROTHERS ENGINEERING CO
PREP FOR ASME PET MECH ENGG CONF, DENVER, ALYESKA PIPELINE SERV CO, SEPT 1970, PLR 142-174
PRELIMINARY REPORT, UNDERGROUND PIPE LINE IN PERMAFROST TEST FACILITY, B L MOREAU, WILLIAMS
BROTHERS CANADA LTD, MAY-71, MVPL FEASIB STUDY-71, BACK-UP DATA BKS, V6, RPT NO 3-1, E 1144

WILLIAMS BROTHERS CO

SURVEY OF SOVIET PIPELINE CONST TECHNIQUES AND RELATED ACTIVITIES FROM STROITELSTOV
TURBOPROVODOV, 1967-69, TRANSL BY WILLIAMS BROTHERS CO TULSA, TN879.5W5, E 1357, TN879.5W5

WILLIAMS, G P

ANALYSIS OF SNOW COVER CHARACTERISTICS AT AKLAVIK AND RESOLUTE, NORTHWEST TERRITORIES, BY G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RES PAPER NO 40, SEPT 1957
FREEZING OF PEATLAND, R J BROWN, G P WILLIAMS, NATIONAL RESEARCH COUNCIL OF CANADA, DIV OF BLDG RES, OTTAWA, DECEMBER 1972, TECH PAPER 381
SURFACE HEAT EXCHANGE AND PERMAFROST, G P WILLIAMS, NATIONAL RESEARCH COUNCIL CAN, ASSOCIATE COMMITTEE ON GEOTECHNICAL RESEARCH, 1971, V R C TM 103 18-12

WILLIAMS, J R

GROUNDWATER IN PERMAFROST REGIONS - AN ANNOTATED BIBLIOGRAPHY, BY J R WILLIAMS, U S G S WATER-SUPPLY PAPER 1792, WASHINGTON, 1965

WILLIAMS, P J

CLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF CERTAIN FROZEN GROUND PHENOMENA, P WILLIAMS, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, JUNE, 1962, RES PAPER NO 161
ICE DISTRIBUTION IN PERMAFROST PROFILES, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA 1968, DIV OF BUILDING RESEARCH PAPER 371
PROPERTIES AND BEHAVIOR OF FREEZING SOILS, P J WILLIAMS, NORWEGIAN GEOTECHNICAL INSTITUTE, PUB NO 72, OSLO, 1967 N R C DIV OF BLDG RES, R P 359, 1968
SUCTION AND ITS EFFECTS IN UNFROZEN WATER OF FROZEN SOILS, BY P J WILLIAMS, NATIONAL RESEARCH COUNCIL, OTTAWA, 1963, DBR RES PAPER NO 297

WILLIAMS, W G

DEVELOPMENT AND USE OF PLASTIC FOAM INSULATION TO PREVENT FROST ACTION DAMAGE TO TRANSPORTATION FACILITIES, BY W G WILLIAMS, ASCE SYMP COLD REGIONS ENG, UNIV ALASKA, 1970, PRINT NO 757

WILSON, T M

CALCULATED THAW PROFILES DURING PRODUCTION FOR TAGLU F-43, G P COLPITTS ET AL, IOL PRODUCTION RESEARCH + TECHNICAL SERVICE DEPT, CALGARY, 1973, IPRT-20ME-73
PERFORMANCE OF A 48-INCH WARM OIL PIPELINE SUPPORTED ON PERMAFROST, R K ROWLEY ET AL, MVPLRL, 72, HVPL FEAS STUDY, 72, BACK-UP DATA BKS, V 18 GEOTECH STUDIES, PL CONST, STATIONS, 18-14, E1575

WIND

HERSCHEL ISLAND, FEASIBILITY OF A MARINE TERMINAL, CANADA, DEPT OF PUBLIC WORKS, 1970

WINTERIZATION

ARCTIC ENGINEERING, U S BUREAU OF YARDS AND DOCKS, WASHINGTON D C, MAR 15, 1955, PB151984

WOLFE, J N

ENVIRONMENT OF THE CAPE THOMPSON REGION, ALASKA, EDITED BY V J WILIMOVSKY, J N WOLFE, U S ATOMIC ENERGY COMMISSION, 1966, QB83U6

WOOD DECAY

CONDITION OF TIMBER PILES AT INUVIK, N W T, H P SEDZIAK ET AL, CANADA DEPT OF ENVIRONMENT, FORESTRY SERVICE, OTTAWA, DECEMBER 1973, INFORMATION REPORT DP-X-67

WOOD, D B

CASING LOADS CAUSED BY SUBSIDENCE, D B WOOD, EPRCO PRODUCTION OPERATIONS DIVISION, JULY 27 1972, EPR-MISC-JULY 1972
DRILLING AND COMPLETION PROBLEMS IN THE PERMAFROST, S A CHRISTMAN, D B WOOD, EXXON CORP AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, FLORIDA, APRIL 1-5, 1974, P-5
MINUTES OF THE 1972 SONJ PERMAFROST DRILLING AND COMPLETION CONFERENCE HELD JAN 19, 20, 1972 AT EPR CO, HOUSTON, EPRCO MISC RPT JAN 1972

WOODS, K B

TRANSPORTATION AND ECONOMIC POTENTIAL IN THE ARCTIC, BY K B WOODS, R F LEGGET, NATIONAL RESEARCH COUNCIL OF CAN, DIV OF BLDG RESEARCH TECHNICAL PAPER NO 113, DEC 1960

WOODWARD-LUNDGREN + ASSOC

FOUNDATION CONCEPTS FOR ABOVEGROUND PIPELINE ON GRAVEL PADS FOR TRANS-ALASKA PIPELINE SYSTEM
WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERVICE COMPANY, 1972, PLR 142-157
RESULTS OF PILE + ANCHOR INSTALLATION + LOAD TESTS, AND RECOMMENDED DESIGN PROCEDURES, TRANS ALASKA PL SYST, FINAL RPT, FOR ALYESKA BY WOODWARD-LUNDGREN+ASSOC, 1971, W-L-71-1, PLR 142-154

- WOODWARD-LUNDGREN + ASSOC THAW SETTLEMENT IN ELEVATED PIPELINE SECTIONS OF TRANS-ALASKA PIPELINE SYSTEM VALDEZ TO YUKON RIVER, WOODWARD-LUNDGREN + ASSOC FOR ALYESKA PIPELINE SERV CO, JUNE 1972, PLR 142-158
- WOOLEY, C A PERMAFROST - A KEY FACTOR IN ARCTIC OPERATIONS, R G NIVEN, FOLLOWED BY COMMENTS BY C A WOOLEY SONJ AFFILIATES PRODUCERS TECHNICAL MEETING, BOCA RATON, MAR 8-12, 1971, P-31
- WOOLSON, J R SEISMIC AND GRAVITY SURVEYS OF NAVAL PETROLEUM RESERVE NO 4 AND ADJOINING AREAS, ALASKA, BY J R WOOLSON, PT 4.GEOPHYSICS, U S G S PROFESSIONALPAPER 304-A, WASHINGTON, 1962.
- XC POLYMERS NONFREEZING FLUIDS FOR PERMAFROST DRILLING, D E OBRIEN, R L GARRETT, EPRCO, PRODUCTION OPS DIV, DECEMBER 1973, EPR.43PR.73
- REFRIGERATED DRILLING FLUID TESTS, BY D E VESCARELLI, I O L CALGARY, ENGDEPT, 1970, IPRC-LOME-70
- YAKUTIA SEA ROLE OF CENOGENIC FACTORS IN THE FORMATION OF THE YAKUTIA SEA SHORES, N F GRIGOREV, ACAD SCI USSR, SIBERIAN BRANCH, INST OF PERMAFROST STUDY, 1962, P 68-72, RUSSIAN TRANSL R-255
- YAKUTSK, U S S R SECOND INTERNATIONAL CONFERENCE ON PERMAFROST, YAKUTSK SIBERIA, JULY 1973, RUSSIAN PAPERS, TAT1016
- YEFIMOV, A I STRUCTURES, GRAVITY ANOMALIES OF CRYOGENIC ORIGIN IN BAIKAL REGION, A P BULMASOV, MAXIMUM DEPTHS OF PERMAFROST, A I YEFIMOV, DEFENCE RESEARCH BOARD T482R, APRIL 1968, P BOX 2474
- YELLOWKNIFE, N W T PIPELINES AND TEMPERATURES IN NORTHERN CANADA, BY R A HEMSTOCK, I O L PROD RES AND SERVICE DEPT CALGARY, JUNE 1966, REPORT NO IPRT-4M1-66
- YOUNG, M COLD WEATHER CONSTRUCTION A BIBLIO WITH ABSTRACTS, M YOUNG, NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA, OCTOBER 1973 FICHE, COM-73-11711
- YUKON GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- GROUNDWATER HYDROLOGY AND WATER SUPPLY IN THE DISTRICT OF MACKENZIE, YUKON TERRITORY, AND ADJACENT PARTS OF BRITISH COLUMBIA, BY L V BRANDON, G S C PAPER.64-39
- PERMAFROST INVESTIGATIONS IN BRITISH COLUMBIA AND YUKON TERRITORY, BY R J E BROWN, NATIONAL RESEARCH COUNCIL OF CANADA, DIVISION OF BLDG RES, TECHNICAL PAPER NO 253, OTTAWA, DEC 1967
- PROCEEDINGS OF THE FIRST CANADIAN CONFERENCE ON PERMAFROST APRIL 17-18, 1962, BY R J E BROWN, NAT RES COUNCIL, CAN, ASSOC COMM ON SOIL AND SNOW MECHANICS, TECH MEMO 76, JAN 1963, E 507-512
- SOME ECONOMIC FACTORS AFFECTING NORTHERN MINERAL DEVELOPMENT IN CANADA, BY A DUBNIE CANADA DEPT OF MINES AND TECHNICAL SURVEYS, OTTAWA, 1959, MINERAL INFORMATION BULLETIN NR 38.
- ZHUKOV, V F METHODOLOGY OF COMPARING THE ECONOMICS OF DIFFERENT CONSTRUCTION PROJECTS, V F ZHUKOV, NATL RES COUNCIL CAN-DIV OF BLDG RES, OTTAWA, 1963, TECH TRANS 1064
- SETTLING OF THAWING GROUND, V F ZHUKOV, U S ARMY COLD REGIONS RES AND ENG LAB, JULY 1972 AD748 157, DRAFT TRANSLATION 355
- ZINKHAN, J R N PERMAFROST, LITERATURE SEARCH, BY J R N ZINKHAN, I O L PROD DEPT, PROD RES + TECH SERV DEPT CALGARY, JULY 1970, IPRC-11MIR-70
- ZOLTAI, S C STUDIES OF VEGETATION LANDFORM + PERMAFROST IN THE MACKENZIE VALLEY, S C ZOLTAI AND W W PETTAPECE, TASK FORCE ON NORTHERN CIL DEVELOPMENT, MAY 1973, REPORT NO 73-4
- 023/NW SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964
- 023/SW SURFICIAL GEOLOGY, NICHICUN-KANIAPISKAU MAP-AREA, QUEBEC, BY O L HUGHES, CANADA GEOLOGICAL SURVEY BULLETIN 106, 1964

- 033/NE SURFICIAL GEOLOGY,NICHICUN-KANIAPISKAU MAP-AREA,QUEBEC,BY D L HUGHES,CANADA GEOLOGICAL SURVEY
BULLETIN 106,1964
- 033/SE SURFICIAL GEOLOGY,NICHICUN-KANIAPISKAU MAP-AREA,QUEBEC,BY D L HUGHES,CANADA GEOLOGICAL SURVEY
BULLETIN 106,1964
- 055L MERCURY IN PERMAFROST REGIONS, OCCJRRNCE AND DISTRIBUTION IN THE KAMINAK LAKE AREA, NWT
E H W HORN BROOK, I R JONASSON, GEOLOGICAL SURVEY OF CANADA, 1971, GSC PAPER 71-43
- 059E AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- 059F AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- 059G AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- 059H AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9
- 064A PERMAFROST STUDIES AT THE KELSEY HYDRO-ELECTRIC GENERATING STATION,RES AND INSTRUMENTATION,BY
G H JOHNSTON,NATIONAL RESEARCH COUNCIL,CANADA,DIV OF BUILDING RES,TECH PAPER NO 178,MAR 1965
- 086N GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-
MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
- 086D GEOCHEMICAL EXPLORATION FEASIBILITY STUDY WITHIN THE ZONE OF CONTINUOUS PERMAFROST, COPPER-
MINE RIVER REGION, N W T, BY E H HORN BROOK + R J ALLAN, 1970, CANADA GEOL SURVEY PAPER 70-36
- 089B PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA,
TECHNICAL TRANSLATION 1401, 1970
- 089C PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA,
TECHNICAL TRANSLATION 1401, 1970
- 096E PERMAFROST AND SOLID GAS HYDRATES IN THE NORMAN WELLS FIELD, N W T, BY W J SANDERSON,
NORTHERN EXPLORATION DEPT, EDMONTON, SEPT 1971, IPRNWT-3MG-71
- 099A PINGOS OF PRINCE PATRICK ISLAND, 76 N - 120 W, A PISSART, NATIONAL RESEARCH COUNCIL, OTTAWA,
TECHNICAL TRANSLATION 1401, 1970
- 106E PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATHORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1968, IPRE-1ME-69
- 107 MACKENZIE DELTA AREA, N W T, J R MACKAY, CANADA GEOGRAPHIC BRANCH, OTTAWA, 1963, MEMOIR NO 8
SOME OBSERVATIONS ON PERMAFROST DISTRIBUTION AT A LAKE IN THE MACKENZIE DELTA,N W T,CANADA,BY
G H JOHNSTON,R J E BROWN,NATIONAL RESEARCH COUNCIL CAN,DIV BUILDING RES,RES PAPER 233,NOV 1964
- 107/NW SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY
A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MGP-72
- 107/S GUIDEBOOK QUATERNARY GEOLOGY AND GEOMORPHOLOGY MACKENZIE DELTA TO HUDSON BAY, FIELD EXCURSION
A30, 24TH SESSION INTERNATIONAL GEOL CONGRESS, MONTREAL, 1972, Q6615

- 107/SW SEISMIC COMPARISONS IN THE BEAUFORT AREA, 1971, WITH EMPHASIS ON THE NORTH DELTA, BY
A G KIDSTON, I O L NORTHERN EXPL DIST, FEBRUARY 1972, IPRNWT-1MCP-72
- 107B PERMAFROST IN THE MACKENZIE DELTA, NORTHWEST TERRITORIES, M W SMITH, GEOLOGICAL SURVEY OF
CANADA, 1976, E3083, G S C PAPER 75-28
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1963, IPRE-1ME-69
SOME EFFECTS OF SURFACE DISTURBANCE ON THE PERMAFROST ACTIVE LAYER AT INUVIK, M W T, J A
HFGINBOTTOM, CAN GEOLOGICAL SURVEY FOR TASK FORCE ON NORTH OIL DEVEL, SEPT 1973, RPT NO 73-16
- 107C EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPPCER-35-72
GAS-DOMED MOUNDS IN PERMAFROST, KENDALL ISLAND, N W T, BY J ROSS MACKAY, REPRINTED FROM
GEOGRAPHICAL BULLETIN, VOL 7, NO 2, 1965, P 105-115, M/MC-8
GEOMORPHOLOGY AND PERMAFROST CONDITIONS OF GARRY ISLAND, NWT, D E KERFOOT, PHD THESIS,
UNIVERSITY OF BRITISH COLUMBIA, AUG 1969, 0E196N7K3
PINGOS OF THE PLEISTOCENE MACKENZIE DELTA AREA, BY J ROSS MACKAY, DEPT OF MINES + TECH SURVEY
GEOGRAPHICAL BR, GEOG BULL 18 P21-63 NOV 1962, M/MC-3
PROGRESS REPORT OF TERRAIN INVESTIGATIONS IN MACKENZIE DELTA, NORTHWEST TERRITORIES, BY
T G WATMORE, I O L EDMONTON DEVELOPMENT DEPT, OCT 1963, IPRE-1ME-69
- 107D EXPERIMENTAL GRAVILOG INVESTIGATION FOR ICE CONTENT OF THE NEAR-SURFACE MATERIALS OF THE
MACKENZIE DELTA + TUK PENINSULA, E T CONNOLLY, IOLEXP RES + SERV DEPT, NOV 1972, IPPCER-35-72
GEOLOGICAL RECONNAISSANCE REPORT P. & N.G PERMITS, CARNWATH RIVER AND LIVERPOOL BAY AREA, BY
J C SPROULE AND ASSOCIATES, JANUARY, 1960, REPORT NO 83
PINGOS OF THE PLEISTOCENE MACKENZIE DELTA AREA, BY J ROSS MACKAY, DEPT OF MINES + TECH SURVEY
GEOGRAPHICAL BR, GEOG BULL 18 P21-63 NOV 1962, M/MC-3
- 1161 GEOLOGICAL REPORT ON PERMIT 1382 PORCUPINE RIVER AREA, YUKON TERRITORY, BY BULLOCK AND HUGHES
FOR JOHN C SAMIS, OCTOBER 1958, DEPT OF NORTHERN AFFAIRS RPT NO 10
- 120 RECONNAISSANCE OF THE SURFICIAL GEOLOGY OF NORTHEASTERN ELLESMERE ISLAND, ARCTIC ARCHIPELAGO,
BY R L CHRISTIE, 1967, CANADA GEOLOGICAL SURVEY BULLETIN 138
- 560/SE AXEL HEIBERG ISLAND RESEARCH REPORTS - JACOBSEN-MCGILL ARCTIC RESEARCH EXPEDITION 1959-1962
PRELIM RPTS 1961-1962, BY F MULLER, ET AL, MCGILL UNIV, MONTREAL, DEC 1963, 2 VOLS, G606J2M9

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